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14.GS:  
Ogd 495-  
506

Illinois--Geological Survey  
Oil and gas drilling reports...  
nos. 495-506: January-December,  
1978.



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14.GS:  
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Geol Survey

State of Illinois  
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

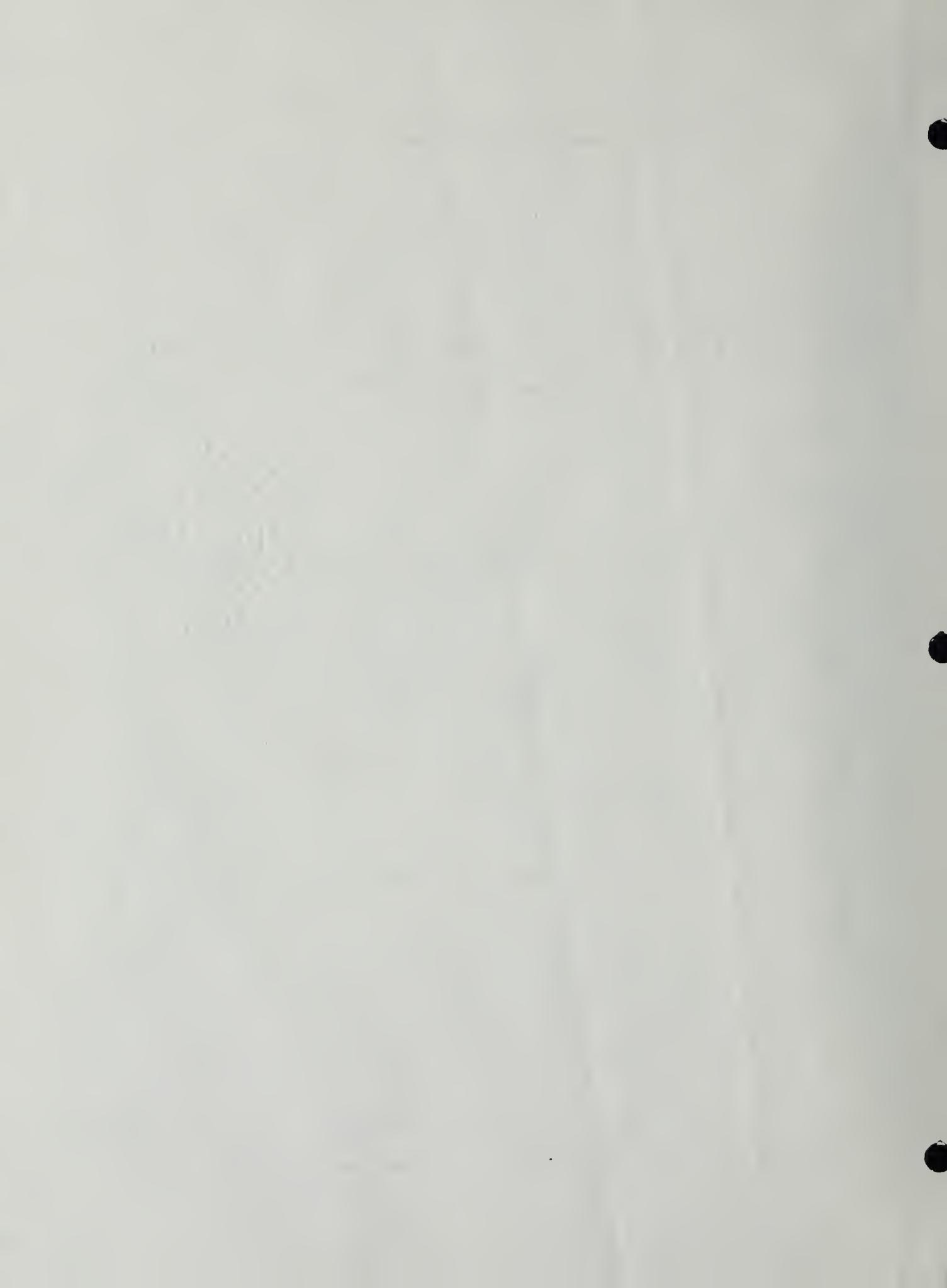
Urbana, Illinois 61801

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MONTHLY REPORT

O I L A N D G A S D R I L L I N G  
I N I L L I N O I S

Jacob Van Den Berg



## DISCOVERIES

### New Fields

None

### New Pay Zones in Fields

MT. CARMEL. Wabash County, 8-1S-12W, Ullin at 3046'.  
Discovery well, Farmers Petroleum Coop., Inc. #3 Wabash-Newton  
(OWDD, OTD 2332, was D&A), IP 20 BOP, 30 BW.

SESSER CONSOLIDATED. Franklin County, 35-5S-1E, Salem at 3428'.  
Discovery well, Fletcher F. Farrar #1 Leonard Witges,  
IP 35 BO, 15 BW.

### Extensions to Fields

BROUGHTON. Hamilton County, 26-6S-7E, Ullin at 4178'.  
Discovery well, Duke Resources Corp. #1 Short-Barker,  
IP 20 BOP.

TABLE I

New Pools Discovered from February 1977 through January 1978

Pool: County	Twp. Rng.	Pool: County	Twp. Rng.
<u>February 1977</u>		<u>August</u>	
None		None	
<u>March</u>		<u>September</u>	
None		Cooperstown (gas) Brown County	1S 2W
<u>April</u>		<u>October</u>	
None		None	
<u>May</u>		<u>November</u>	
None		Holliday Fayette County	9N 3E
<u>June</u>		Illiopolis Sangamon County	16N 2W
None			
<u>July</u>		<u>December</u>	
None		Spring Garden Jefferson County	4S 3E
		<u>January 1978</u>	
		None	

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production				
Field Wells	Discoveries	Field Wells	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Total New Tests	Production in Thousands of Barrels		
Ext.	Field	Ext.	Holes	Holes	Wells	Far				
<u>1977</u>										
Jan.	41(1)	0	0	37	4(1)	16	2	58	1,719	
Feb.	33	0	1	34	0	8	3	46	1,936	
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,176
Nov.	60(3)	2	2	61(3)	3	27	12	5	108	2,115
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152	2,052
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036	25,609
<u>1978</u>										
Jan.	38	0	1	38	1	7	1	2	48	2,000

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through November 1977 are from reports received directly from crude gathering companies. The figures for December 1977 and January 1978 are estimated.

TABLE III  
Drilling by Counties, Oil and Gas, January 1978

County	Permits to Drill <sup>o</sup>	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		D&A to Prod.	Conversions				
			Prod.	D&A		New	Prod.	Others		
Bond	3	-	-	-	-	-	-	-	-	
Christian	-	7	-	-	-	-	7	-	-	
Clark	3	3	3	-	-	-	-	-	-	
Clay	3	1	-	1	-	-	-	-	-	
Crawford	10	13	5	1	-	6	-	-	1	
Edwards	1	2	2	-	-	-	-	-	-	
Effingham	5	2	2	-	-	-	-	-	-	
Fayette	1	3	2	-	-	-	1	-	-	
Franklin	-	8	4	2	-	-	2	-	-	
Gallatin	-	4	1	1	-	-	2	-	-	
Greene	1	-	-	-	-	-	-	-	-	
Hamilton	3	3	3	-	-	-	-	-	-	
Jasper	3	1	1	-	-	-	-	-	-	
Jefferson	7	2	1	1	-	-	-	-	-	
Lawrence	2	1	-	-	-	-	1	-	-	
Macoupin	-	1	-	1	-	-	-	-	-	
Madison	1	-	-	-	-	-	-	-	-	
Marion	1	-	-	-	-	-	-	-	-	
Monroe	1	-	-	-	-	-	-	-	-	
Randolph	1	-	-	-	-	-	-	-	-	
Richland	-	1	1	-	-	-	-	-	-	
Saline	1	-	-	-	-	-	-	-	-	
Wabash	8	8	1	1	1	1	3	1	-	
Wayne	9	11	8	2	-	-	-	1	-	
White	13	6	4	-	-	-	-	2	-	
	77	77	38	10	1	7	16	4	1	

<sup>o</sup> Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1978 through February 3, 1978.

TABLE IV

## Drilling by Counties, Natural Gas Storage, January 1978

County	Permits to drill <sup>o</sup>	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions

No permits were issued and no activity was reported in connection with natural gas storage.

## WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

## WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

## WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

## SUMMARY OF DRILLING IN ILLINOIS IN 1977\*

Footage Drilled  
in 1977

County	Completions	Total	Number of Wells Drilled in 1977			Footage Drilled in 1977		
			Producing		Total Dry Holes	Producing		
			Oil	Gas		Wildcat	Far	Near
Adams	1	1	—	—	1	—	—	—
Bond	12	9	—	—	1	1	1	1
Brown	4	—	1	2	—	—	516	14917
Christian	7	—	—	5	1	1	—	895
Clark	46	31	—	9	—	1	1	13903
Clay	78	52	—	23	3	6	—	2431
Clinton	16	9	—	2	5	—	—	14188
Coles	18	8	3	4	—	—	—	75733
Crawford	129	99	5	23	—	3	3	252321
Cumberland	3	1	—	—	—	—	—	31828
DeWitt	2	—	—	—	—	—	—	32457
Edgar	14	1	10	3	23	1	1	24584
Edwards	45	16	—	—	6	—	—	182317
Effingham	33	24	—	4	5	—	—	247607
Fayette	23	11	1	4	4	—	—	4462
Franklin	14	7	—	6	1	—	—	1843
Galatin	16	8	—	8	—	—	—	6675
Greene	1	—	—	—	—	—	—	160740
Hamilton	19	7	—	4	7	1	1	102832
Jackson	2	—	—	—	—	—	—	5337
Jasper	11	7	—	1	—	—	—	31283
Jefferson	19	10	—	7	2	—	—	65733
Johnson	1	—	—	—	—	—	—	2395
Lawrence	43	27	—	15	—	—	—	91241
McLean	1	—	—	—	—	—	—	1182
Macon	4	3	—	—	—	—	—	8479

<sup>K</sup> Only new holes drilled as oil and gas tests. Does not include service wells, structure tests, holes drilled for natural gas storage, or old holes reworked or deepened.

## OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

## BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

## OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

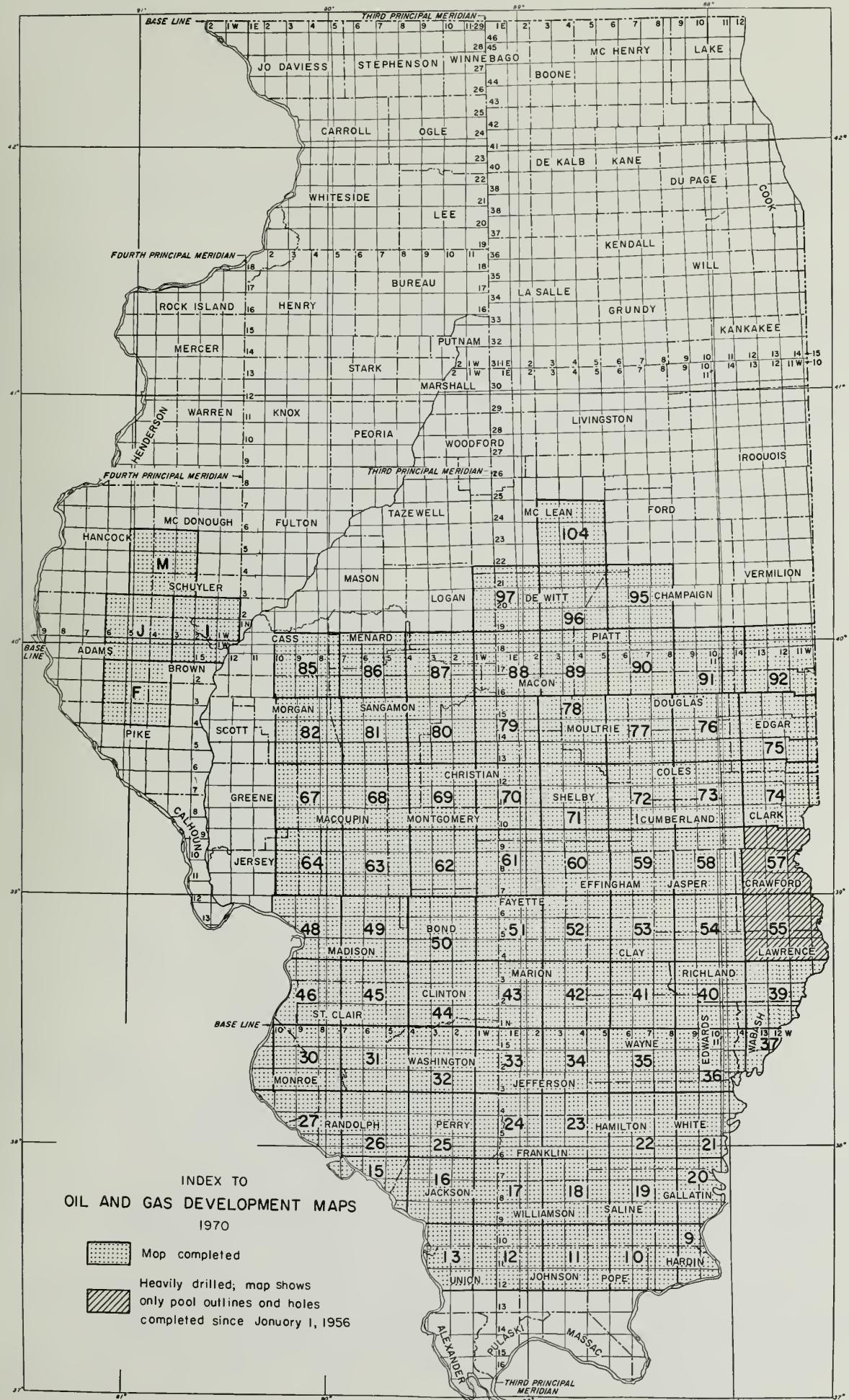
## OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) show field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

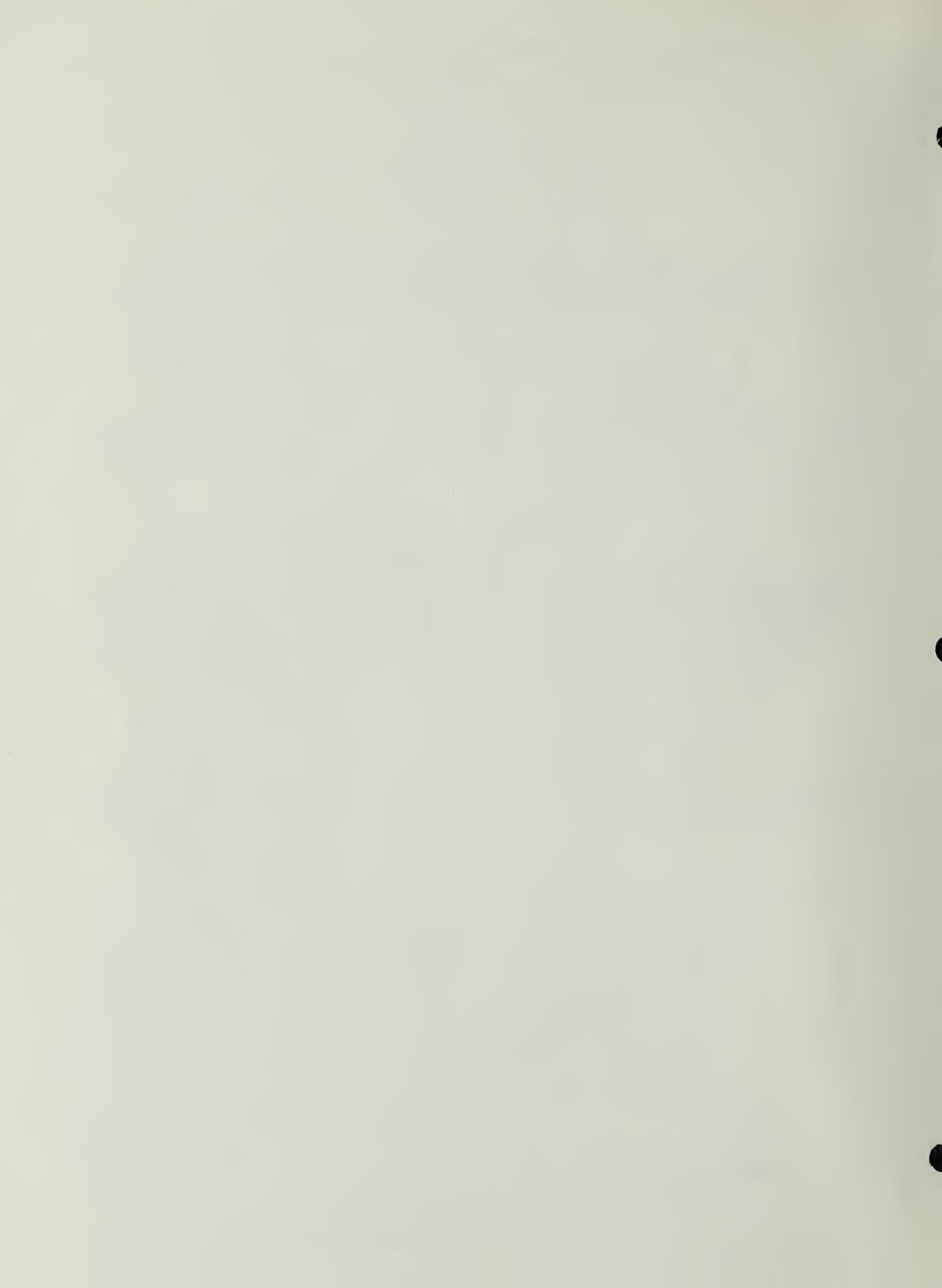
Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 61938 (phone 217-235-0311)



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OIL AND GAS DEVELOPMENT MAPS  
1970

Mop completed

Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956



## WELLS COMPLETED FROM DECEMBER 31, 1977 TO JANUARY 27, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

CHRISTIAN COUNTY

13N, 3W

2, 325' SL, 460' EL, NW SW. Joe Simpkins Oil Developments #10 Linton "B". Conversion. Was Devonian producer. Comp. 11-10-77. COTD 1848'. Water input. Devonian, top 1834'. Kincaid Consol.

2, 365' SL, 464' EL, SW SW. Joe Simpkins Oil Developments #1 Ruth Smith. Conversion. Was Devonian producer. Comp. 11-7-77. COTD 1855'. Water input. Devonian, top 1840'. Kincaid Consol.

10, 350' NL, 350' WL, SE NE. Joe Simpkins Oil Developments #7-A Kincaid Land Association. Conversion. Was Devonian producer. Comp. 11-7-77. COTD 1863'. Water input. Devonian, top 1845'. Kincaid Consol.

10, 350' NL, 330' WL, NE SE. Joe Simpkins Oil Developments #9-A Kincaid Land Association. Conversion. Was Devonian producer. Comp. 11-10-77. COTD 1844'. Water input. Devonian, top 1828'. Kincaid Consol.

11, 330' SL, 460' EL, NW NW. Joe Simpkins Oil Developments #1 Gabriel. Conversion. Was Devonian producer. Comp. 11-10-77. COTD 1835'. Water input. Devonian, top 1824'. Kincaid Consol.

11, 333' SL, 509' EL, SW NW. Joe Simpkins Oil Developments #2 Mulvaney-Mitchell. Conversion. Was Devonian producer. Comp. 11-15-77. COTD 1844'. Water input. Devonian, top 1827'. Kincaid Consol.

11, 330' SL, 590' EL, NW. Joe Simpkins Oil Developments #4 Mulvaney-Mitchell. Conversion. Was Devonian producer. Comp. 11-15-77. COTD 1861'. Water input. Devonian, top 1849'. Kincaid Consol.

CLARK COUNTY

10N, 13W

19, 330' SL, 475' EL, SW SW. Koons Petroleum Ent. #1-T Russell McFarland. Spd. 8-15-76. Comp. 8-18-76. TD 2839'. IP 5.5 BOP/10 BW. Trenton, top 2740', acid. Martinsville.

19, NW SW SE. W. D. Lilly #2 Marshall Hill. Spd. 11-5-76. Comp. 11-15-77. TD 526'. IP  $\frac{1}{2}$  BOP/4 BW. Casey, top 494'. Martinsville.

11N, 14W

4, 660' SL, 430' EL, NE SE. Paul E. Young #1 Jones. Spd. 3-31-77. Comp. 10-1-77. TD 365'. IP 2 BOP. Mississippian, top 304', shot. Westfield.

CLAY COUNTY

3N, 6E

Irr. 30, 330'NL, 330'EL, NE. Booth Oil Co., Inc. #1 Armstrong. Spd. 1-10-78. Comp. 1-16-78. TD 2885'. D&A. Ste. Genevieve, top 2845' (approx.). Kenner.

4N, 7E

22, NE SE NE. Kincaid & Miller Oil Co. #1 De Hart. Abd. loc. Sailor Springs Consol.

CRAWFORD COUNTY

5N, 11W

3, NE SW SE. Prudential Oil Co. #9 Harlan Shannon. Spd. 11-16-77. Comp. 12-2-77. TD 1042'. IP 45 BOP/10 BW. Robinson, top 992', frac. Main Consol.

3, NW SE SE. Don H. Baldwin #1 Landrith. Spd. 8-2-77. Comp. 11-15-77. TD 1035'. Oil producer, IP not available. Pennsylvanian, top 991', frac. Main Consol.

5N, 12W

15, 1580'NL, 1280'WL, SW NE. Russ Randall, Inc. #2 Henry Parker S.W.D. Spd. 9-12-77. Comp. 9-29-77. TD 1310'. SWD. Robinson, top 1130'. Main Consol.

5N, 13W

1, SW NW NW. Energy Resources of Ind., Inc. #11 Baldwin-Valdez Comm. Abd. loc. Main Consol.

1, NW NW NW. Energy Resources of Ind., Inc. #12 Baldwin-Valdez Comm. Abd. loc. Main Consol.

1, SW NE SW. Energy Resources of Ind., Inc. #2 Wiseman Heirs. Abd. loc. Main Consol.

2, NE SE NE. Energy Resources of Ind., Inc. #2 Coulter Heirs. Abd. loc. Main Consol.

2, 330'NL, 1000'EL, SE. Energy Resources of Ind., Inc. #5 Richart Heirs. Abd. loc. Main Consol.

6N, 12W

34, NW NW SE. R. M. Seastrom #1 Joseph York. Spd. 10-17-77. Comp. 12-15-77. TD 1088'. D&A. Robinson, top 1052'. Main Consol.

6N, 13W

15, 92'SL, 728'WL, SW. Marathon Oil Co. #K-5A R. A. Siler M-1. Spd. 3-12-76. Comp. 3-18-76. TD 940'. Water input. Robinson, top 883'. Main Consol.

15, 580'SL, 1616'WL, SW. Marathon Oil Co. GI-4 C. I. Weirich (M-1 Unit). Spd. 6-24-76. Comp. 6-29-76. TD 965'. Observation well. Robinson sand, top 863'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

15, 561' SL, 1477' WL, SW. Marathon Oil Co. #GI-8 M-1 Unit. Spd. 9-6-77. Comp. 9-12-77. TD 1012'. Observation well. Robinson, top 834'. Main Consol.

34, 40' NL, 10' WL, SE. Energy Resources of Indiana, Inc. #NW-20 Hicks. Abd. loc. Main Consol.

34, 673' NL, 18' WL, SE. Energy Resources of Ind., Inc. #NW-21 Hicks. Abd. loc. Main Consol.

35, NE NE SW. E. L. Whitmer, Inc. #1 Baldwin-Shipman. Spd. 1-23-77. Comp. 6-1-77. TD 4080'. IP 15 BOP/trace of water. Trenton, top 3934', frac. Main Consol.

35, 454' SL, 330' EL, NE NW. Energy Resources of Ind., Inc. #T-1 Richart. Abd. loc. Main Consol.

7N, 12W

10, SE NW SW. Simpson Brothers, Inc. #4 Gurley. Spd. 10-10-77. Comp. 11-12-77 (est.). TD 1063'. IP 25 BOP/25 BW. Robinson, top 1030', frac. Main Consol.

31, 675' SL, 110' EL, NE NW. Triple "B" Oil Producers, Inc. #1-WSW E. V. Kirk. Spd. 8-15-77. Comp. 11-1-77. TD 1380'. Water supply well. Cypress, top 1290'. Main Consol.

8N, 12W

32, NW NE SW. Bellair Oil Co. #2 Richards-Novosel. Spd. 8-6-77. Comp. 12-16-77. TD 1018'. IP 3 BOP/22 BW. Robinson, top 993', shot. Main Consol.

EDWARDS COUNTY

2S, 14W

27, 430' NL, 330' WL, SW. Illinois Mid-Continent Co. and Dee Drilling Co. #2-A C. Schroeder. Spd. 12-2-77. Comp. 12-21-77. TD 2930'. IP 30 BOP. Cypress, top 2728'. Albion East.

28, 760' NL, 1120' WL, NE. John M. Zanetis #3-A Cowling. Spd. 10-16-77. Comp. 11-25-77. TD 2930'. IP 70 BOP/0 BW. Bethel, top 2824', acid and frac. Albion East.

EFFINGHAM COUNTY

6N, 5E

34, 330'NL, 380'EL, SW NE. Ladd Petroleum Corp. #3A Jarvis Unit, Tract 2. OWDD. Was Vernon D. Jarvis #3A John Boyce. Was Aux Vases producer. OTD 2392'. Comp. 6-3-57. Recomp. 1-3-78. DTD 2454'. IP 20 BOP/180 BW. Spar Mountain, top 2418'; McClosky, top 2448', acid. Iola Consol.

6N, 6E

24, 330'NL, 425'WL, SW. Don W. Newton #1-A Sperry. Spd. 8-3-77. Comp. 10-5-77. TD 2451'. IP 10 BOP/200 BW. Cypress, top 2447', shot. Eberle.

9N, 4E

29, SW NW SW. Tri-Star Producing, Inc. #1 Gordon Comm. Spd. 4-18-77. Comp. 11-21-77. TD 3183'. Oil producer, IP not available. Devonian, top 3130', mca and acid. Louden.

FAYETTE COUNTY

6N, 3E

Irr. 30, 330'NL, 330'WL, SE. Texaco, Inc. #5 St. James Pool, Tract 3. Conversion. Was Cypress producer. Comp. 12-19-76. COTD 1611'. Water input. Cypress, top 1601'. St. James.

9N, 3E

35, SW NE SW. James A. Southerland #2 Anderson. Spd. 3-3-76. Comp. 3-18-76. TD 1652'. IP 30 BOP/0 BW. Benoist, top 1615', frac. Louden.

35, 413'NL, 348'WL, NE SW. James Southerland #4 Anderson. Spd. 4-19-76. Comp. 5-16-76. TD 1650'. IP 10 BOP/0 BW. Benoist, top 1621', frac. Louden.

FRANKLIN COUNTY

5S, 1E

12, 530'NL, 330'WL, SW NW. Fletcher F. Farrar #1 Witges-Ladd. Spd. 9-1-77. Comp. 1-6-78. TD 4600'. D&A. Clear Creek, top 4536'. WF.

35, SE NE NW. Fletcher F. Farrar #1 Leonard Witges. Spd. 11-12-77. Comp. 1-3-78. TD 4505'. IP 35 BOP/15 BW. Salem, top 3428'. Sesser Consol. NEW PAY IN FIELD.

35, NE SE NW. Fletcher F. Farrar #2 Leonard Witges. Spd. 11-25-77. Comp. 1-9-78. TD 3450'. IP 25 BOP/15 BW. Aux Vases, top 2665', frac. Sesser Consol.

5S, 3E

1, NW SW NW. C. E. Brehm Drilg. & Prod. #1-A Pearce. Spd. 2-3-77. Comp. 3-10-77 (est.). TD 3972'. IP 50 BOF/0 BW. Ullin, top 3920', natural. Ewing East.

2, SE NW SE. C. E. Brehm Drilg. & Prod. #2 Stone Comm. Spd. 1-22-77. Comp. 3-15-77 (est.). TD 3972'. IP 60 BOF. Ullin, top 3937', natural. Ewing East.

FRANKLIN COUNTY (continued)

5S, 4E

24, NW NE SW. Duke Resources Corp. #1 Drake Comm. Spd. 12-6-77. Comp. 1-3-78. TD 4148'. D&A. Salem, top 3758'. Macedonia.

7S, 3E

19, 656'NL, 446'WL, SE SW. Killion & McClement Oil Producers #H-4 S. West Frankfort Unit. Conversion. Was Tar Springs producer. Comp. 12-16-76. COTD 2864'. Water input. Tar Springs, top 2049'; Aux Vases, top 2694'. West Frankfort Consol.

29, 440'SL, 330'EL, NW. Killion & McClement Oil Prod. #1-D Pigg. Conversion. Was Aux Vases producer. Comp. 12-1-76. COTD 2819'. Water input. Aux Vases, top 2270'. West Frankfort Consol.

GALLATIN COUNTY

8S, 8E

18, SE SE SW. C. E. Brehm Drdg. & Prod. #1 Tuttle Comm. Spd. 1-24-77. Comp. 2-1-77. TD 2938'. D&A. Fredonia, top 2915'. WN - Eldorado East.

8S, 9E

36, NE SE SW. Eugene E. Morris #2 Doherty Heirs. Conversion. Was Waltersburg producer. Comp. 8-10-77. COTD 2026'. Water input. Waltersburg, top 2016'. Junction East.

8S, 10E

17, NE NE SW. C. E. Brehm Drdg. & Prod. #2 Fuhrer. Spd. 8-13-77. Comp. 9-1-77. TD 2770'. IP 200 BOP. Aux Vases, top 2744', frac. Inman East Consol.

9S, 9E

1, NE NW NW. Eugene E. Morris #2 Herbert Crane. Conversion. Was William J. Osborne #2 Herbert Crane. Was Waltersburg producer. Comp. 8-10-77. COTD 2048'. Water input. Waltersburg, top 2000'. Junction East.

HAMILTON COUNTY

6S, 7E

26, SW NW SW. Duke Resources Corp. #1 Short-Barker. Spd. 9-3-77. Comp. 11-30-77. TD 4278'. IP 20 BOP. Ullin, top 4178', acid. EXTENSION TO BROUGHTON.

27, SW SW NE. Duke Resources Corp. #1 English. Spd. 6-29-77. Comp. 10-3-77. TD 4250'. IP 14 BOP/0 BW. Salem, top 3986', acid and frac. Broughton.

34, C N/2 NW NE. Duke Resources Corp. #2 Short-Woody. Spd. 10-12-77. Comp. 12-19-77. TD 4300'. IP 50 BOP/0 BW. Ullin, top 4143', acid. Broughton.

JASPER COUNTY

5N, 10E

6, SW NW SW. W A H A Co. #1-B J. W. McConnell. Spd. 11-25-77. Comp. 1-4-78. TD 3060'. IP 90 BOP. Spar Mountain, top 2933', acid; McClosky, top 2966', acid. Clay City Consol.

JEFFERSON COUNTY

1S, 4E

2, NE NW SW. Louis H. Kapp, Jr. #1 Kermit Mills. Spd. 1-3-78. Comp. 1-15-78. TD 3500'. D&A. Ullin, top 3425' (est.). WF.

14, C W/2 SE SW. R. L. Burns Corp. #14-1 J. J. Branson. Spd. 9-24-77. Comp. 12-14-77. TD 3550'. IP 22 BOP/51 BW. Salem, top 3213', acid. Coil West.

LAWRENCE COUNTY

2N, 12W

11, SE NE SW. Paul E. Young #4-WI P. Young. Conversion. Was F. H. Don Carlos #2 Goff. Was plugged Pennsylvanian producer. OWWO by Joe W. Cook for Pennsylvanian sand producer. COTD 788'. Water input. Pennsylvanian, top 692'. Lawrence.

MACOUPIN COUNTY

7N, 7W

16, 260'NL, 420'WL, SW NE. I. R. Bennett #5-A Schreier. Spd. 12-1-77. Comp. 12-28-77. TD 550'. D&A. Pennsylvanian, top 520' (approx.). Staunton West.

MADISON COUNTY

4N, 6W

9, SW NE SW. Karchmer Pipe & Supply Co., Inc. #5 Grimm. Abd. loc. Marine.

RICHLAND COUNTY

2N, 14W

21, NE NW SW. Shakespeare Oil Co., Inc. #1 Yonaka et al. Unit. Spd. 11-23-77. Comp. 1-6-78. TD 3184'. IP 40 BOP/18 BW. McClosky, top 3136', acid. Parkersburg Consol.

WABASH COUNTY

1N, 12W

2, 330'NL, 1916'EL, NE. Illinois Mid-Continent & Dee Drilg. Co. #5 John J. Springman. Conversion. Was Tar Springs and Cypress producer. Comp. 1-31-77. COTD 1950'. Water input. Tar Springs, top 1525'; Cypress, top 1902'. Allendale.

9, 373'NL, 618'EL, SW SE. Charles E. Carr #J-32 Armstrong. Abd. loc. Allendale.

19, 815'NL, 630'EL, SW NE. RLD Oil Exploration, Inc. #2-WI Stanley Price. Conversion. Was D&A, temp. abd. Comp. 12-6-75. COTD 1575'. Water input. Biehl, top 1548'. Allendale.

1N, 13W

14, 20'NL, 330'EL, SW NE. RK Petroleum Corp. #1-WS K. T. Krumm. Spd. 12-22-77. Comp. 12-28-77. TD 320'. Water supply well. Alluvial material, top 240'. Friendsville Central.

1S, 12W

5, SE SW NE. Juniper Petroleum Corp. #1 Moeller Unit et al. Conversion. Was Magnolia Petroleum Co. #1 Moeller Unit. Was Cypress producer. Comp. 12-8-77. COTD 1989'. Water input. Cypress, top 1977'. Mt. Carmel.

WABASH COUNTY (continued)

1S, 12W

8, 330'NL, 742'WL, NW. Farmers Petroleum Coop., Inc. #3 Wabash-Newton. OWWO-OWDD. Was Olds Oil & Gas Co. #3 Wabash County Poor Farm. Was D&A. OTD 2332'. Comp. 4-18-44. Recomp. 11-1-77. DTD 3117'. IP 20 BOP/30 BW. Ullin, top 3046', acid. Mt. Carmel. NEW PAY IN FIELD.

17, NE NE NE. Hocking Oil Co., Inc. #1-SWD Utter "C" Lease. Conversion. Was James L. O'Meara #C-1 Utter. Was McClosky producer. Comp. 11-23-77. COTD 2030' (est.). SWD. Cypress, top 1990'. Mt. Carmel.

2S, 13W

22, 330'SL, 1550'WL, NE. Hocking Oil Co., Inc. #1 Kennard Heirs. Spd. 11-6-77. Comp. 1-7-78. TD 3410'. IP 16 BOP/20 BW. Salem, top 3224', frac. Rochester.

2S, 14W

11, NE SW SW. Hocking Oil Co. #2 Walter Bosecker. Spd. 1-3-78. Comp. 1-8-78. TD 2958'. D&A. Ste. Genevieve, top 2914'. Browns East.

WAYNE COUNTY

1N, 6E

Irr. 19, 330'SL, 330'EL, SW SE. Donald E. Schmitt #1 Stewart Dunlop et al. OWWO. OWDD. Was Falese Oil Co. #1 Chandler. Was D&A. OTD 3288'. Comp. 12-1-62. Recomp. 1-9-78. DTD 3850'. D&A. Salem, top 3630' (approx.). Johnsonville West.

1N, 8E

11, C N/2 NW SE. Partlow & Cochonour #2 Royal Barth. OWWO. Conversion. Was Walter Morton #1 Barth. Was plugged Spar Mountain producer. OTD 3224'. Comp. 6-9-59. Recomp. 7-15-77. COTD 1060' (est.). SWD. Pennsylvanian, top 1030'. Clay City Consol.

11, 330'NL, 450'EL, SW SE. Partlow & Cochonour #1 Vic Frohning. Spd. 11-2-77. Comp. 1-10-78. TD 3613'. IP 65 BOP/20 BW. McClosky, top 3179', mca; Salem, top 3504', mca. Clay City Consol.

11, C E/2 NE SW. Partlow & Cochonour #1 L. Grubb. Spd. 7-30-77. Comp. 1-10-78. TD 3597'. IP 48 BOP/20 BW. Salem, top 3464'. Clay City Consol.

2N, 6E

21, 380'SL, 990'EL, NE SE. Booth Oil Co., Inc. #5-A Cook. Spd. 11-26-77. Comp. 1-4-78. TD 3655'. IP 35 BOP/trace of water. Salem, top 3635', acid. Zenith North.

2N, 7E

22, NE NE NE. Southern Ill. Oil Prod., Inc. #1 Henderson. Spd. 11-16-77. Comp. 12-28-77. TD 3595'. IP 50 BOP/50 BW. Aux Vases, top 2966', frac.; McClosky, top 3077', acid. Clay City Consol.

WAYNE COUNTY (continued)

2N, 7E

24, NW SE NW. Hubert W. Rose #2-B Settles. OWDD. Was Sylvester Oil Co. #3-A Settles. Was Cypress and Aux Vases producer. OTD 3083'. Comp. 5-3-65. Recomp. 9-29-76. DTD 3572'. IP 25 BOP. Salem, top 3487'. Clay City Consol.

1S, 5E

19, NW NW SW. Farmers Petroleum Coop., Inc. #2 Byars. Spd. 10-26-77. Comp. 12-28-77. TD 3550'. IP 20 BOP/20 BW. Salem, top 3500', natural. Coil.

1S, 6E

23, NW SE NW. Modern Explorations #3-A Fansler. Spd. 10-25-76. Comp. 12-10-76. TD 3814'. IP 85 BOP/20 BW. Salem, top 3752', acid. Johnsonville South.

Irr. 24, 330' SL, 330' WL, SW. Midwest Oil Producers #2 Arney. Spd. 10-22-77. Comp. 11-25-77. TD 3850'. IP 15 BOP/50 BW. Ohara, top 3205' (approx.), acid. Clay City Consol.

26, NE NE NE. J & H Oil Co. #2 Ralston. OWWO. Was Carl E. Busby #1 Claudia Ralston. Was D&A. CTD 3271'. Comp. 1-25-71. Recomp. 10-27-77. COTD 3270'. Temp. abd. Aux Vases, top 3120'. Clay City Consol.

1S, 7E

1, NW SW SE. Shulman Bros. #1 G. A. Mullinax. OWDD. Was Pure Oil Co. #1 G. Mullinax. Was Aux Vases producer converted to Aux Vases water input. OTD 3084'. Comp. 4-9-46. Recomp. 10-1-77 (est.). DTD 3168'. Oil well, IP not available. Ohara, top 3134'. Clay City Consol. (This well was erroneously run as D&A (10-77) Drilling Report.)

27, SW NE SW. Robert N. Gooch #1 Towns. Spd. 11-28-76. Comp. 1-24-77. TD 4069'. Temp. abd. Ullin, top 4024'. Clay City Consol.

33, NW NW SW. Jerry E. Friend #1 Leonard Morris. Spd. 11-8-77. Comp. 1-10-78. TD 3965'. Temp. abd. Salem, top 3510'. Clay City Consol.

2S, 9E

16, 1680' SL, 2210' WL, NW. Ernest Sherman #3 Cooper. Spd. 12-13-76. Comp. 8-1-77 (est.). TD 3305'. IP 10 BOP. Aux Vases, top 3250', frac. Goldengate North Consol.

WHITE COUNTY

3S, 9E

28, NE SW NW. Gordon T. Jenkins #1 Taylor. Spd. 11-13-77. Comp. 11-26-77. TD 4233'. IP 30 BOP/5 BW. Salem, top 3878', mca and frac. Goldengate Consol.

WHITE COUNTY (continued)

3S, 10E

36, NW NW SE. Barger Engineering, Inc. #1 Sturm "B". OWWO. Conversion.  
Was J. F. Buchman #1 J. F. Stein. Was plugged Ohara producer.  
OTD 3158'. Comp. 10-10-50. Recomp. 11-16-77. COTD 3105'.  
Water input. Ohara, top 3089'. Phillipstown Consol.

36, NW NE NE. Barger Engineering, Inc. #WS-1 B & L Sturm. OWWO.  
Conversion. Was Noah Petroleum Co. #1 Driggers. Was plugged  
Bethel producer. OTD 3100'. Comp. 2-5-57. Recomp. 11-4-77.  
COTD 806'. Water supply well. Pennsylvanian sand, top  
518'. Phillipstown Consol.

4S, 8E

34, NW SW NW. RK Petroleum Corp. #6 Continental Bank. Spd. 9-29-77.  
Comp. 10-15-77. TD 3350'. IP 7 BOP/141 BW. Aux Vases, top  
3335', frac. Springerton South.

34, SW NE SW. RK Petroleum Corp. #8 Continental Bank. Spd. 11-25-77.  
Comp. 1-10-78. TD 3338'. IP 50 BOP. Aux Vases, top 3325', frac.  
Springerton South.

7S, 11E

19, NE SE SW. C. E. Brehm Drlg. & Prod. #4 Boetticher. Spd. 5-3-77.  
Comp. 6-25-77 (est.). TD 2204'. IP 20 BOP/0 BW. Tar Springs,  
top 2100', frac. New Haven Consol.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JANUARY 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CRAWFORD COUNTY

7-6N-13W, SE NW SE. Ohio Oil Co. #3 O. F. Edwards. 962'. 12-20-77. Main Consol.

8-6N-13W, NE SW NW. Wabash Drlg. Co. #1 C. Wekenman. 1011'. 12-15-77. Main Consol.

21-6N-13W, NW NW SE. Morrison Oil Co. #4 J. C. Carlton. 980'. 12-5-77. Main Consol.

22-6N-13W, Approx. NE SW NE. Morrison Oil Co. #1 A. R. Smith. 970'. 9-30-77. Main Consol.

27-6N-13W, NE SW SE. Ohio Oil Co. #18 L. R. Newlin. 963'. 8-23-77. Main Consol.

11-7N-13W, Approx. 200' SL, 300' EL, SW SE SW. Ohio Oil Co. #21 J. W. Darrough. +1020'. 10-28-77. Main Consol.

17-7N-13W, SW SE NE. Ohio Oil Co. #8 A. M. Wilkin. 976'. 9-1-77. Main Consol.

31-7N-13W, SW NE NE. Ohio Oil Co. #16 J. B. Hook, a/c 2. 947'. 8-8-77. Main Consol.

## CUMBERLAND COUNTY

Fr. 18-10N-11E, 70' NL, 1350' WL, NW. Pure Oil Co. #1 Chrysler-Kite Consol., former company - no original information filed with Survey. 433'. 5-12-77. Siggins.

Fr. 18-10N-11E, 258' NL, 200' WL, NW. Ohio Oil Co. #1 Chrysler-Kite Consol. 430'. 12-7-71. Siggins.

Fr. 18-10N-11E, 125' SL, 200' WL, NW NW NE. Pure Oil Co. #5 F. C. Matheny. 454'. 5-12-77. Siggins.

## EFFINGHAM COUNTY

17-7N-7E, 430' NL, 330' WL, SE SW. Robert H. Evans #2 Bierman. 2726'. 12-7-77. (Water input, formerly a producer.) Elliottstown North.

17-7N-7E, 330' SL, 330' EL, SW. Robert H. Evans #1 Ben Bierman. 2727'. 11-22-77. Elliottstown North.

## FRANKLIN COUNTY

36-5S-2E, 10' SL, 330' WL, SE NW NE. H & W Oil Co. #4 Benton North Unit. 2610'. 12-24-77. Benton North.

36-5S-2E, 660' NL, 330' WL, NE NW NE. H & W Oil Co., Inc. #5 Benton North Unit (Kyffin). 2615'. 12-29-77. Benton North.

36-5S-2E, 430' SL, 330' EL, SW NE. H & W Oil Co., Inc. #2 Chenault Heirs. 2862'. 12-21-77. Benton North.

36-5S-2E, 990' SL, 330' WL, NW NE. H & W Oil Co., Inc. #2 Walsh. 2723'. 12-31-77. Benton North.

## JASPER COUNTY

29-8N-9E, 330' NL, 330' WL, NW. Marion F. Miller Drlg. Co. #1 R. Vahling, formerly Koons & Frank Pet. Explor. Co. 2862'. 11-5-77. Gila.

## MADISON COUNTY

35-5N-7W, 330'NL, 330'EL, SE. Brooks Hall #1 Joseph G. Wehling. 2355'.  
11-28-77. Marine West.

## MARION COUNTY

14-2N-3E, SE SE SE. Ramsey-Merging #1 Niecie Holtslaw. 2690'. 1-12-78.  
Iuka West.

## RICHLAND COUNTY

36-3N-9E, 330'NL, 330'EL, SE NW. Perry Fulk #1 Lemke. 3157'. 1-13-78.  
Clay City Consol.

28-3N-10E, 330'NL, 330'WL, NW. W. H. Kinsell #1 Steward. 3191'. 1-5-78.  
Olney South.

28-3N-10E, 330'NL, 330'EL, NW NW. W. H. Kinsell #2 Steward. 3188'. 1-11-78.  
Olney South.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).

Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagara Reefs on Overlying Strata in Southwestern Illinois (1973).

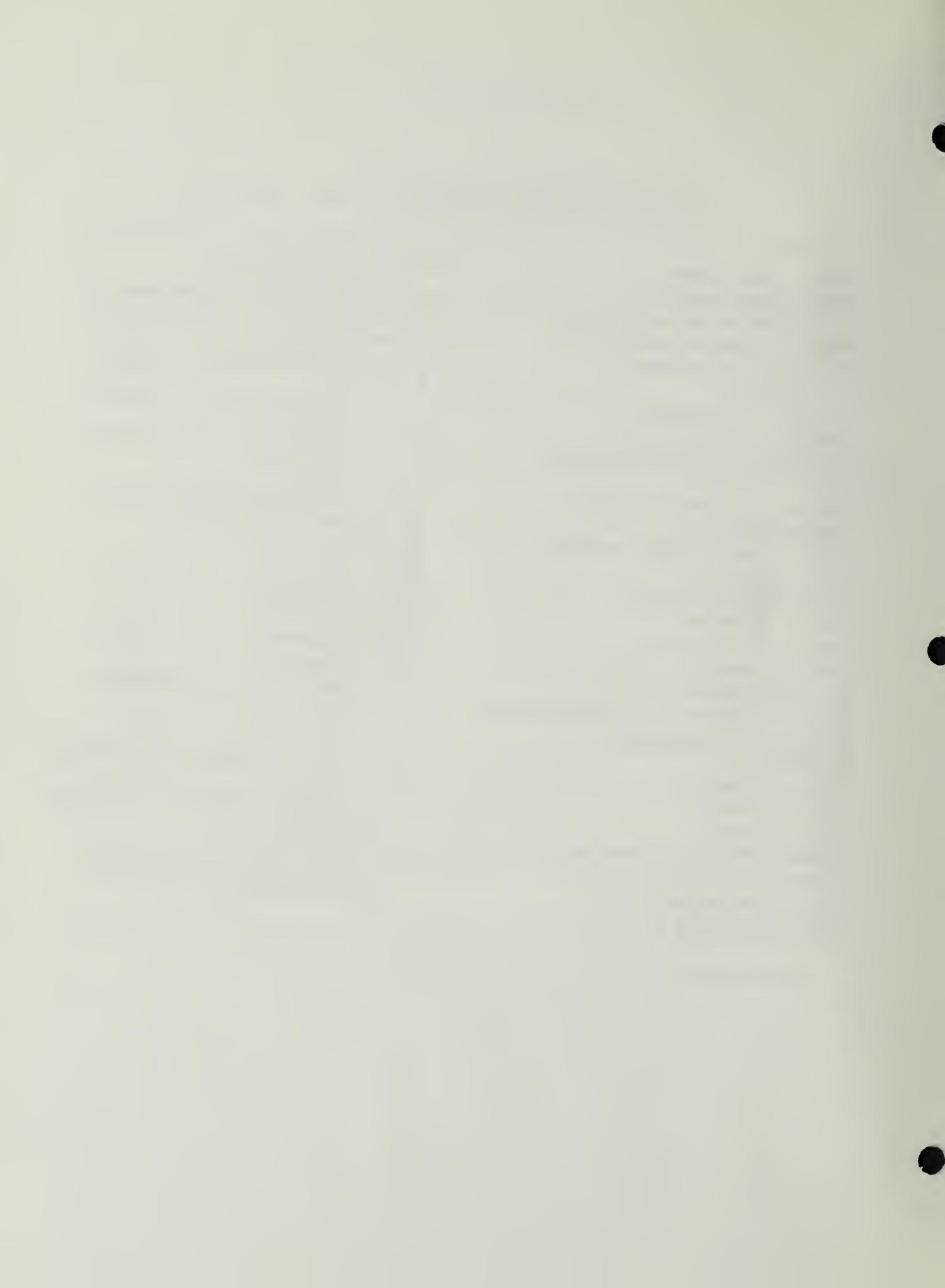
Reprint Ser.  
1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).

## ABBREVIATIONS USED IN THIS REPORT

Abd. —	Abandoned	OTD —	Old total depth
Acid —	Acid treatment	OWDD —	Old well drilled deeper
BOF —	Barrels of oil flowing	OWWO —	Old well worked over
BOP —	Barrels of oil on pump	PB —	Plugged back
BW —	Barrels of water	PBTD —	Plugged-back total depth
C —	Center	R —	Range
Comp. —	Completed	S/2 —	South $\frac{1}{2}$
Consol. —	Consolidated	SE —	Southeast $\frac{1}{4}$
COTD —	Clean-out total depth	SG —	Show of gas
Csg. —	Casing	Sh. —	Shale
D & A —	Dry and abandoned	SIGW —	Shut-in gas well
Dol. —	Dolomite	SL —	From the south line
DTD —	Drilled deeper total depth	SO —	Show of oil
E/2 —	East $\frac{1}{2}$	Spd. —	Spudded
EL —	From the east line	Ss. —	Sandstone
Est. —	Estimated	SSO —	Slight show of oil
Ext. —	Extension(s)	SW —	Southwest $\frac{1}{4}$
Fm. —	Formation	Swb. —	Swabbing
Fr. —	Fractional	SWD —	Salt water disposal well
Frac. —	Hydraulic fracture treatment	T —	Township
IP —	Initial production	TD —	Total depth
L —	Line	Temp. abd. —	Temporarily abandoned
Loc. —	Location	W/2 —	West $\frac{1}{2}$
Ls. —	Limestone	WF —	Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 —	North $\frac{1}{2}$	WL —	From the west line
Nat. —	Natural, no treatment	WN —	Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE —	Northeast $\frac{1}{4}$		
NL —	From the north line		
NW —	Northwest $\frac{1}{4}$		



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Geol Survey

State of Illinois  
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana Illinois 61801

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



DISCOVERIES

New Fields

None

New Pay Zones in Fields

EWING EAST Franklin County, 2-5S-3E, Salem at 3516'.  
Discover well C. E. Brehm Drig. and Prod. #1 Drennan et al,  
IP 50 BOP.

SAILOR SPRINGS CONSOLIDATED. Clay County 3-3N-7E Salem at 3243'.  
Discover well, Hagen Oil Co. #1 E. Hamilton,  
IP 25 BOP.

SCINELL EAST. Richland County, 4-2N-9E, Spar Mtn. at 3096'.  
Discovery well, Louis H. Kapp Jr. #1 R.D. Hawkins  
IP 40 BOP.

New Pay Zones in Fields

None

TABLE I

New Pools Discovered from March 1977 through February 1978

Pool	County	Twp.	Rng.	Pool	County	Twp.	Rng.
<u>March 1977</u>				<u>September</u>			
None				Cooperstown (gas)			
				Brown County		1S	2W
<u>April</u>				<u>October</u>			
None				None			
<u>May</u>				<u>November</u>			
None				Holiday			
<u>June</u>				Fayette County		9N	3E
None				Illiopolis			
				Sangamon County		16N	2W
<u>July</u>				<u>December</u>			
None				Spring Garden			
<u>August</u>				Jefferson County		4S	3E
None							
				<u>January 1978</u>			
				None			
				<u>February</u>			
				None			

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc. not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes				Production in		
	Field Wells	Discoveries		Newly Drilled	Reworked Dry Holes	Field Wells	Wildcat	Total	New Tests	Thousands of Barrels
		Field	Ext.	Holes	Holes	Near	Far			
<u>1977</u>										
Jan.	41(1)	0	0	37	4(1)	16	2	3	53	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	43(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	36	2,274
June	58(3)	0	1	54(3)	5	32	12	7	103	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,130
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,233
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,176
Nov.	60(3)	2	2	61(3)	3	27	12	5	103	2,115
Dec.	84(4)	1	3	70(3)	9(1)	48	12	10	152	2,052
	624(13)	3(1)	14(4)	535(20)	56(3)	294	91	46	1,036	25,609
<u>1978</u>										
Jan.	33	0	1	38	1	7	1	2	43	1,743
Feb.	55(1)	0	0	52(1)	3	29	9	3	94	1,800

Tests are considered field wells if located less than  $1\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through December 1977 are from reports received directly from crude gathering companies. The figures for January and February 1978 are estimated.

TABLE III  
Drilling by Counties, Oil and Gas, February 1978

County	Permits to Drill <sup>o</sup>	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		D&A to Prod.	New	Conversions were Prod. Others			
			Prod.	D&A						
Christian	2	-	-	-	-	-	-	-	-	
Clark	3	2	2	-	-	-	-	-	-	
Clay	4	7	3	4	-	-	-	-	-	
Coles	2	-	-	-	-	-	-	-	-	
Crawford	1	14	6*	5	-	2	1	-	-	
Cumberland	-	1	-	1	-	-	-	-	-	
Edwards	3	7	5	2	-	-	-	-	-	
Effingham	2	5	2	3	-	-	-	-	-	
Fayette	3	5	-	3	-	-	1	1	-	
Franklin	-	11	3	1	-	2	-	-	-	
Greene	-	1	-	1	-	-	-	-	-	
Hamilton	3	5	-	4	1	-	-	-	-	
Jasper	-	2	2	-	-	-	-	-	-	
Jefferson	9	2	-	2	-	-	-	-	-	
Lawrence	2	2	2	-	-	-	-	-	-	
Macon	1	-	-	-	-	-	-	-	-	
Madison	2	1	-	1	-	-	-	-	-	
Randolph	1	1	-	1	-	-	-	-	-	
Richland	6	5	4	-	-	-	-	-	-	
Sangamon	1	-	-	-	-	-	-	-	-	
Shelby	1	-	-	-	-	-	-	-	-	
Wabash	3	4	4	-	-	-	-	-	-	
Wayne	9	22	13	7	1	1	-	-	-	
White	14	8	2	5	1	-	-	-	-	
	72	105	53	41	3	5	2	1	-	

\* Includes 1 gas

<sup>o</sup>Issued by Department of Mines and Minerals, Springfield, Illinois, February 4, 1973 through March 1, 1978.

TABLE IV  
Drilling by Counties, Natural Gas Storage, February 1978

County	Permits to drill <sup>o</sup>	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
LaSalle	3	-	-	-	-	-
Livingston	1	5	5	--	-	-
McLean	1	-	-	-	-	-
	5	5	5	--	-	-

<sup>o</sup>Issued by Department of Mines and Minerals, Springfield, Illinois February 4, 1973 through March 1, 1973.

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 30,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

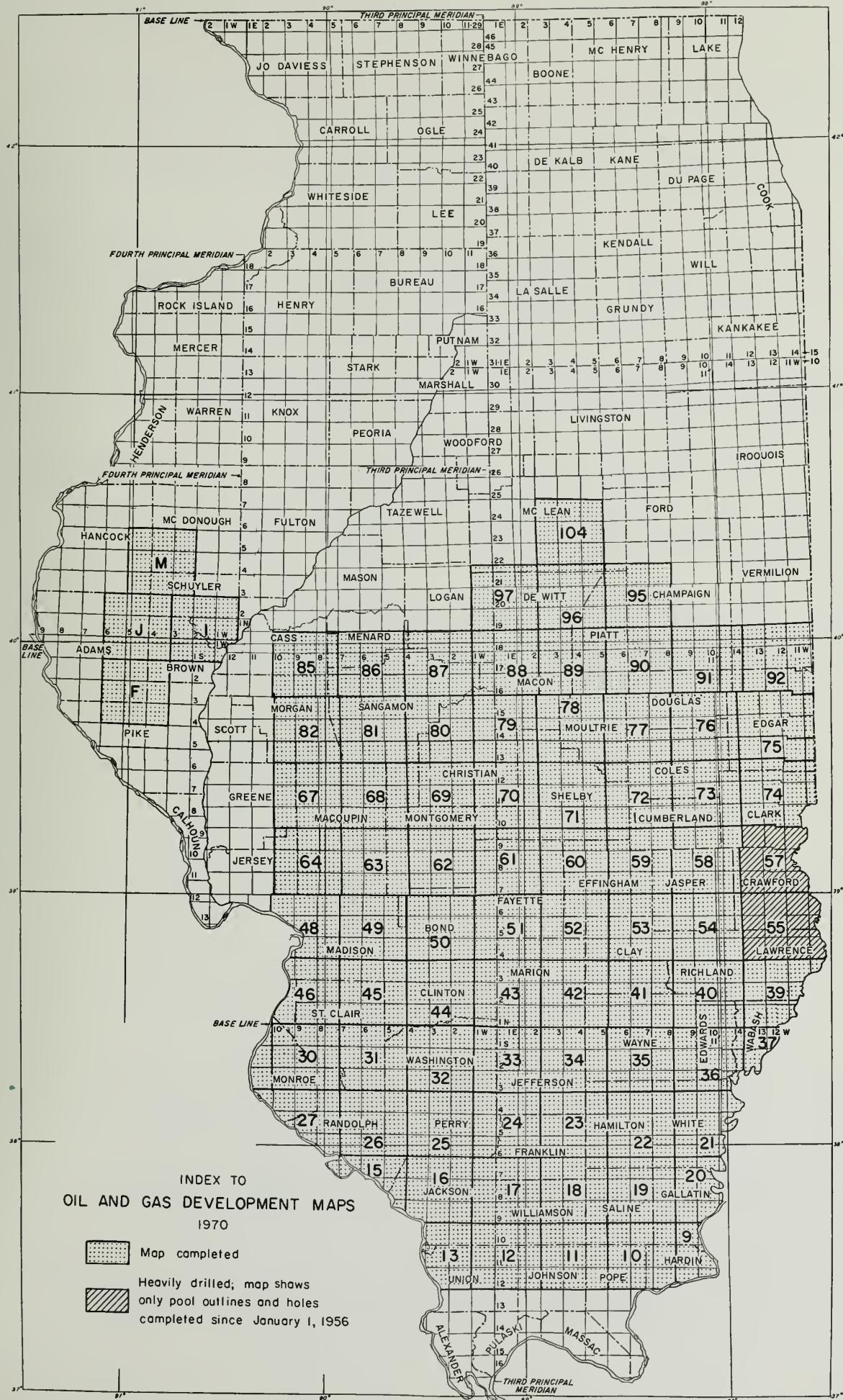
### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint Inc.  
410 East University Avenue  
Champaign, IL 61321 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 61933 (phone 217-235-0311)





## WELLS COMPLETED FROM JANUARY 28, 1978 TO FEBRUARY 24, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

CLARK COUNTY

10N, 14W

25, C W/2 NE SE. F. G. Reese & Gerald C. Beeson #1-A G.I.D. & E. Fain. Spd. 4-14-77. Comp. 1-31-78. TD 2889'. Oil well, IP not available. Trenton, top 2748'. Johnson North.

25, 368' SL, 380' EL, NE NE. Southern Triangle Oil Co. #1-A Catherine R. Slater. Spd. 2-26-77. Comp. 2-21-78. TD 2920'. Oil producer, IP not available. Trenton, top 2782', acid. Johnson North.

CLAY COUNTY

2N, 6E

16, SE SE SE. Booth Oil Co., Inc. #1 Belt. Spd. 1-24-78. Comp. 2-4-78. TD 3650'. D&A. Salem, top 3400' (approx.). Zenith North.

2N, 7E

3, NW NW NE. Republic Oil Co., Inc. #1 Hemphill-Bratton Unit. OWWO. Was J. R. Covington and Murvin Oil #1 Bratton-Brimberry Unit. Was D&A. OTD 3145'. Comp. 10-14-59. Recomp. 1-31-78. COTD 3145'. Temp. abd. McClosky, top 3065'. Clay City Consol.

14, SW SW NE. Franklin Oil Co., Inc. #2 G. Hale. Spd. 6-21-77. Comp. 1-11-78. TD 3637'. D&A (SO). Salem, top 3360'. Clay City Consol.

2N, 8E

10, NW NW SW. James A. Gray #2 Routt. Spd. 10-15-77. Comp. 1-31-78. TD 3682'. IP 70 BOP (est.). Salem, top 3379', mca. Clay City Consol.

Irr. 18, 380' SL, 330' EL, NE SE. Union Oil Co. of California #6 W. S. Hosselton. Spd. 12-12-77. Comp. 1-17-78. TD 3677'. IP 90 BOP/42 BW. Salem, top 3534', acid. Clay City Consol.

3N, 7E

8, C W/2 SW SE. Hagen Oil Co. #1 E. Hamilton. Spd. 4-21-77. Comp. 2-21-78. TD 3650'. IP 25 BOP. Salem, top 3248', acid. Sailor Springs Consol. NEW PAY IN FIELD.

34, SW SE SE. David Jones Oil Producer, Inc. #1 Gary V. Pearce. Spd. 12-22-77. Comp. 1-3-78. TD 3120'. D&A. McClosky, top 3082'. WN - Clay City Consol.

4N, 5E

1, SE NE SE. Hagen Oil, Inc. #1 Pearce. Spd. 5-26-77. Comp. 2-21-78. TD 3255'. D&A. Salem, top 3068'. WN - Riffle.

CRAWFORD COUNTY

5N, 11W

3, SE SW SE. Prudential Oil Co. #10 Harlan Shannon. Spd. 2-17-78. Comp. 2-19-78. TD 1040'. D&A. Robinson, top 990' (approx.). Main Consol.

5N, 12W

16, NW NE NE. Lawrence Oil Co. #1 F. Harvey. Conversion. Was P. Fulk #1 F. Harvey. Was Aux Vases producer. Comp. 10-12-54. Recomp. 5-7-76. COTD 1525'. SWD. Benoist, top 1482'. Main Consol.

6N, 12W

23, NE NE SE. Energy Resources of Ind., Inc. #1 Glen McNay. Spd. 1-24-78. Comp. 2-3-78. TD 1647'. D&A. Aux Vases, top 1636'. Main Consol.

Irr. 32, 330'NL, 330'EL, NW SW. Robert M. Seastrom #1 Fay Elmer. Spd. 8-28-77. Comp. 2-21-78. TD 972'. SIGW, IP not available. Robinson, top 940'. Main Consol.

6N, 13W

34, 330'NL, 410'WL, NE SE. E. L. Whitmer, Inc. #2-A Trump et al. Comm. Spd. 10-25-77. Comp. 12-15-77. TD 1060'. IP 47 BOP/28 BW. Robinson, top 1013', frac. Main Consol.

35, 446'NL, 362'EL, SE NW. Marathon Oil Co. #1 Effie Barrie. Spd. 11-29-77. Comp. 2-14-78. TD 4068'. IP 413 BOP. Trenton, top 3930'. Main Consol.

6N, 14W

12, SE SE NW. Crete Oil Investments, Inc. #1 O. M. Kirk Heirs. Spd. 12-27-77. Comp. 1-9-78. TD 2020'. D&A. McClosky, top 1968'. WN - Main Consol.

7N, 12W

7, NW NE SE. Energy Resources of Ind., Inc. #1 Variel-Flynn Comm. Spd. 2-4-78. Comp. 2-11-78. TD 2007'. D&A. Salem, top 1910'. Main Consol.

Irr. 8, 197'SL, 811'WL, NE. Marathon Oil Co. #1 W. G. York, Acct. #1. Spd. 11-19-77. Comp. 2-6-78. TD 1292'. Water supply well. Buchanan (Pennsylvanian), top 1105'. Main Consol.

9, SE SE NE. Triple "B" Oil Producers, Inc. #1-A S. D. Meserve. Spd. 11-17-77. Comp. 12-31-77. TD 1106'. IP 5 BOP/75 BW. Robinson, top 1045', frac. Main Consol.

9, NE SE NE. Triple "B" Oil Producers, Inc. #2-A S. D. Meserve. Spd. 11-15-77. Comp. 12-31-77. TD 1088'. IP 5 BOP/75 BW. Robinson, top 1048', frac. Main Consol.

9, NW SE NE. Triple "B" Oil Producers, Inc. #3-A S. D. Meserve. Spd. 11-12-77. Comp. 12-31-77. TD 1098'. IP 5 BOP/75 BW. Robinson, top 1062', frac. Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

9, C SE NE. Triple "B" Oil Producers, Inc. #4-WI S. D. Meserve. Spd. 11-8-77. Comp. 12-22-77. TD 1098'. Water input. Robinson, top 1053'. Main Consol.

8N, 13W

24, NE NW NE. Ram Oil Co. #1 Clarence Schutte. Spd. 12-5-77. Comp. 12-22-77. TD 4220'. D&A (SO). Trenton, top 4033'. Main Consol.

CUMBERLAND COUNTY

9N, 9E

27, NW SE SW. LMC Resources, Inc. #1 Lawrence Gable Comm. Spd. 1-12-78. Comp. 2-2-78. TD 4183'. D&A. Devonian, top 4103'. WN - Hidalgo North.

EDWARDS COUNTY

1N, 10E

Irr. 7, 330'NL, 330'EL, SE NE. Energy Resources Corp. #1 Blood. Spd. 8-9-76. Comp. 11-2-76. TD 4025'. IP 3 BOP/50 BW. McClosky, top 3258', acid; Salem, top 3953', acid. Maple Grove Consol.

Irr. 7, 380'SL, 330'EL, NE. Energy Resources Corp. #2-A Blood. Spd. 8-11-76. Comp. 11-15-76. TD 3350'. IP 5 BOP/30 BW. Aux Vases, top 3182', frac. Maple Grove Consol.

Irr. 7, 380'NL, 330'WL, SE NE. Energy Resources Corp. #3-A Blood. Spd. 8-22-76. Comp. 11-25-76. TD 3350'. IP 3 BOP/20 BW. Aux Vases, top 3158', acid. Maple Grove Consol.

Irr. 7, 330'SL, 330'WL, SW SE NE. Energy Resources Corp. #4 Blood. Spd. 8-23-76. Comp. 12-15-76. TD 4006'. IP 10 BOP/25 BW. McClosky, top 3266'; Salem, top 3939', acid. Maple Grove Consol.

Irr. 7, 330'SL, 330'WL, NE NE. Energy Resources Corp. #2 E. Stover. Spd. 9-11-76. Comp. 12-10-76. TD 3980'. IP 3 BOP/20 BW. Salem, top 3652', acid. Maple Grove Consol.

1N, 14W

Irr. 6, 330'SL, 330'WL, SE NE. Gilbert A. Higgins #2 Edward Rothrock. Spd. 1-31-78. Comp. 2-6-78. TD 3275'. D&A. St. Louis, top 3186'. Parkersburg Consol.

2S, 14W

28, 1270'SL, 330'WL, NE. John M. Zanetis #8-B Cowling. Spd. 10-11-77. Comp. 12-27-77. TD 3077'. D&A (SO). Spar Mountain, top 3036'. Albion East.

EFFINGHAM COUNTY

9N, 4E

29, 550'SL, 135'WL, SW. Pogo Petroleum, Inc. #1 Lutz Comm. Spd. 1-8-78. Comp. 2-20-78. TD 3140'. D&A. Devonian, top 3130'. Louden.

EFFINGHAM COUNTY (continued)

9N, 4E

30, SE SW NW. John Carey Oil Co., Inc. #1 Miller-Larimore. Spd. 6-2-77. Comp. 1-17-78. TD 3185'. IP 75 BOP. Devonian, top 3130', acid. Louden.

30, 330' SL, 500' EL, SW SW. Tri-Star Prod. Co., Inc. #1 Sun Oil Co. Spd. 7-19-77. Comp. 2-14-78. TD 3155'. IP 10 BOP. Devonian, top 3130'. Louden.

30, SW NE SW. John Carey Oil Co., Inc. #1 Workman. Spd. 1-30-78. Comp. 2-11-78. TD 3185'. D&A. Devonian, top 3155' (approx.). Louden.

32, 330' SL, 460' WL, NW NW. Midcontinent Energy Co., Inc. #1 Dial Comm. Spd. 2-1-78. Comp. 2-7-78. TD 3148'. D&A. Sylamore, top 3135'. Louden.

FAYETTE COUNTY

7N, 3E

Irr. 18, 960' NL, 330' WL, NE SE. M-S-C Corp. #11-A Burtschi. Conversion. Was Bethel producer. Comp. 7-16-76. COTD 1310'. SWD. Tar Springs, top 1206'. Louden.

9N, 3E

25, NE SE SE. John Carey Oil Co., Inc. #1 Wade. Spd. 12-28-77. Comp. 1-7-78. TD 3160'. D&A. Devonian, top 3106'. Louden.

35, SE NE SW. James A. Southerland #1 Barbara Anderson. OWWO. Conversion. Was Carter Oil Co. #1 Barbara Anderson. Was plugged Cypress producer. Comp. 7-26-55. Recomp. 8-30-76 (est.). COTD 1350' (est.). SWD. Tar Springs, top 1300'. Louden.

36, NW NW SW. Time Oil Inc. #1 Woods-Buzzard. Spd. 8-15-76. Comp. 10-1-76. TD 1654'. Temp. abd. Bethel, top 1615'. Louden.

36, 330' SL, 380' WL, NW SW. Time Oil Inc. #3 Woods-Buzzard. Spd. 10-20-76. Comp. 12-1-76. TD 1667'. Temp. abd. Bethel, top 1613', frac. Louden.

FRANKLIN COUNTY

5S, 1E

35, NE NE NW. Fletcher F. Farrar #3 Leonard Witges. Spd. 12-10-77. Comp. 1-17-78. TD 3465'. IP 20 BOP/20 BW. Aux Vases, top 2672', frac. Sesser Consol.

5S, 3E

2, SW SE SW. C. E. Brehm Drlg. & Prod. #1 Bean Comm. OWWO. OWDD. Was George & Wrather #1 Marshall-Clark Comm. Was D&A. OTD 3143'. Comp. 8-28-51. Recomp. 4-1-77 (est.). DTD 3982'. IP 5 BOP. Salem, top 3506', nat. Ewing East.

FRANKLIN COUNTY (continued)

5S, 3E

2, NE NE NE. C. E. Brehm Drlg. & Prod. #3 Clayton Heirs Comm. Spd. 2-22-77. Comp. 4-1-77. TD 3960'. IP 30 BOP. Ullin, top 3926', nat. Ewing East.

2, C NW NE. C. E. Brehm Drlg. & Prod. #4 Clayton Heirs Comm. Spd. 2-25-77. Comp. 4-5-77. TD 3950'. IP 10 BOP. Ullin, top 3915', nat. Ewing East.

2, 380' SL, 330' EL, SW SE. C. E. Brehm Drlg. & Prod. #1 Drennan et al. Spd. 2-2-77. Comp. 3-15-77 (est.). TD 3968'. IP 50 BOP. Salem, top 3516', acid. Ewing East. NEW PAY IN FIELD.

4, 330' NL, 380' WL, SE SE. Juniper Petroleum Corp. #77X-4 Mitchell. Abd. loc. Ewing.

10, NW NE SE. C. E. Brehm Drlg. & Prod. #1 Kelso Comm. Spd. 2-20-77. Comp. 3-4-77. TD 4000'. D&A. Ullin, top 3750'. WN - Ewing.

5S, 4E

16, NE SW NE. C. E. Brehm Drlg. & Prod. #A-1 Ingram. Spd. 2-17-77. Comp. 3-30-77. TD 4003'. IP 5 BOP. Ullin, top 3950', nat. Taylor Hill.

17, NE NE NE. C. E. Brehm Drlg. & Prod. #1 Crider Comm. Spd. 2-4-77. Comp. 3-15-77 (est.). TD 3975'. IP 6 BOP. Ullin, top 3947', nat. Taylor Hill.

24, C W/2 SE NW. Duke Resources Corp. #1 Hutchcraft Comm. Spd. 11-10-77. Comp. 2-14-78. TD 4280'. IP 6 BOP/some water. Salem, top 4114'. Macedonia.

6S, 2E

36, 615' NL, 1480' WL, NW. Shell Oil Co. #256 Benton Flood Unit. Spd. 9-14-77. Comp. 9-30-77. TD 2235'. Observation well. Tar Springs, top 2138'. Benton.

36, 615' NL, 630' WL, NW. Shell Oil Co. #257 Benton Flood Unit. Spd. 9-30-77. Comp. 11-4-77. TD 2221'. Observation. Tar Springs, top 2120'. Benton.

GREENE COUNTY

10N, 13W

25, SW NW NE. Eugene Shryock #1 Paul H. Grizzle. Spd. 2-2-78. Comp. 2-15-78. TD 365'. D&A. Devonian, top 350' (approx.). WF.

HAMILTON COUNTY

3S, 7E

20, 313.50' SL, 330' WL, SE SW. Tipps Casing Pulling Co. #1 Henry Isaacs Comm. OWOC. OWDD. Was S. Tipps et al. #1 Henry Isaacs. Was D&A. OTD 3417'. Comp. 11-9-50. Recomp. 2-21-78. DTD 4279'. IP 5 BOP/25 BW. Ohara, top 3318', acid. Aden South.

HAMILTON COUNTY (continued)

4S, 5E

5, 510' SL, 330' WL, NW. South Eastern Ill. Oil Production Co., Inc. #1 William Jines Est. Spd. 12-30-77. Comp. 1-17-78. TD 4290'. D&A. Warsaw, top 4155'. WF.

5, NW NE NE. South Eastern Ill. Oil Production Co., Inc. #1 Kenneth Musgrave. Spd. 1-29-78. Comp. 2-14-78. TD 4280'. D&A. Ullin, top 4155'. WF.

6S, 5E

3, NW NE NE. Juniper Petroleum Corp. #71-3 Stover. Abd. loc. Rural Hill North.

6S, 7E

27, C SW SE. Duke Resources Corp. #5 Van Winkle Comm. Spd. 12-30-77. Comp. 1-18-78. TD 4300'. D&A. Ullin, top 4161'. Broughton.

34, NE NW NW. Duke Resources Corp. #1 Seymour. Spd. 7-15-77. Comp. 1-10-78. TD 4311'. D&A (SO). Warsaw, top 4181'. WN - Broughton.

JASPER COUNTY

7M, 10E

23, 50' NL, 330' WL, SW. Wichita Industries, Inc. #4 Martin. Spd. 11-4-77. Comp. 1-30-78 (est.). TD 2730'. IP 8 BOP/70 BW. McClosky, top 2675', frac. Clay City Consol.

23, C W/2 SW SW. Wichita Industries, Inc. #5 Martin. Spd. 11-3-77. Comp. 1-15-78. TD 2742'. IP 12 BOP/84 BW. McClosky, top 2640', frac. Clay City Consol.

JEFFERSON COUNTY

1S, 4E

18, SW NE SE. Louis H. Kapp, Jr. #1 Huff et al. Spd. 1-15-78. Comp. 2-10-78. TD 3299'. D&A. McClosky, top 2775'. Divide Consol.

24, NE SE SE. Van Fossan Associates #1 Doyel Gay. Spd. 10-10-77. Comp. 12-15-77. TD 3650'. D&A. Salem, top 3324'. Coil.

LAWRENCE COUNTY

3N, 13W

12, SE SW SE. Bridgeport Drilling Co. #1 Griggs Heirs Comm. Spd. 11-15-77. Comp. 1-4-78. TD 2091'. IP 5 BOP/5 BW. Spar Mountain, top 2038', acid. Lawrence.

12, SW SW SW. Black and Black Oil Co. #1 J. C. Rister. Spd. 12-28-77. Comp. 2-21-78. TD 2243'. IP 48 BOP. McClosky, top 2228', acid. Lawrence West.

LIVINGSTON COUNTY

28N, 6E

33, 125' NL, 1216' EL, NW. Northern Illinois Gas Co. #103 Fienhold. Spd. 10-10-77. Comp. 12-5-77. TD 2631'. Gas injection/withdrawal. Galesville, top 2458'. Pontiac Gas Storage Field.

LIVINGSTON COUNTY (continued)

28N, 6E

33, 100' SL, 51' EL, NE NW. Northern Illinois Gas Co. #104 Fienhold. Spd. 7-30-77. Comp. 12-15-77. TD 2620'. Gas injection/withdrawal. Galesville, top 2461'. Pontiac Gas Storage Field.

33, 116' SL, 187' WL, SW. Northern Illinois Gas Co. #105 Swager. Spd. 9-21-77. Comp. 12-8-77. TD 2640'. Gas injection/withdrawal. Galesville, top 2468'. Pontiac Gas Storage Field.

33, 66' SL, 120' WL, NW. Northern Illinois Gas Co. #106 Fienhold. Spd. 8-19-77. Comp. 12-8-77. TD 2619'. Gas injection/withdrawal. Galesville, top 2438'. Pontiac Gas Storage Field.

32, 1409' NL, 66' WL, NE. Northern Illinois Gas Co. #107 Fienhold. Spd. 9-5-77. Comp. 12-19-77. TD 2594'. Gas injection/withdrawal. Galesville, top 2428'. Pontiac Gas Storage Field.

MCDONOUGH COUNTY

4N, 4W

27, SE SE NW. James W. Bolds #1 LeRoy A. Ufkess. Abd. loc. WN - Colmar-Plymouth.

MADISON COUNTY

6N, 6W

22, SW SE NW. John T. Mitchell #4-A Sievers. Spd. 1-11-78. Comp. 1-23-78. TD 594'. D&A. Pennsylvanian sand, top 542'. Livingston South.

RANDOLPH COUNTY

4S, 6W

12, 354' SL, 350' EL, SW SW. Elmer Oelze, Jr. #1 Fulton. OWWO. Was Robben Oil Co. Was D&A. OTD 2081'. Comp. 3/27/56. Recomp. 1-31-78. COTD 2081'. D&A. Silurian, top 2022'. Tilden North.

12, 960' SL, 653' EL, SW SW. Elmer Oelze, Jr. #2 Fulton-Hoffman Comm. Spd. 1-11-78. Comp. 1-18-78. TD 2177'. D&A. Silurian, top 2000' (approx.). WN - Tilden North.

RICHLAND COUNTY

2N, 9E

4, SW SE NE. Louis H. Kapp, Jr. #1 R. D. Hawkins. Spd. 12-20-77. Comp. 2-8-78. TD 3776'. IP 40 BOP/0 BW. Spar Mountain, top 3096', mca. Schnell East. NEW PAY IN FIELD.

Irr. 6, 330' SL, 330' WL, NE. K. Leon Hagen #1 D. Lacoax Comm. Spd. 7-1-77. Comp. 2-21-78. TD 2982'. IP 12 BOP/lot of water. Aux Vases, top 2920'. Schnell.

3N, 9E

26, NW NW NE. M. C. Milam #1 D. Totten. Spd. 12-27-77. Comp. 1-3-78. TD 3699'. D&A. Salem, top 3534'. Clay City Consol.

RICHLAND COUNTY (continued)

4N, 9E

24, 995' SL, 330' WL, SE SW. Union Oil Co. of Calif. #2 Blain Consolidated. OWDD. Was Cypress producer converted to Cypress water input. OTD 2601'. COTD 10-23-77. DTD 2960'. Temp. abd. McClosky, top 2942'. Clay City Consol.

25, 380' NL, 330' EL, NW. Union Oil Co. of Calif. #A-4 C. A. Bower. OWDD. Was Cypress producer. OTD 2588'. Comp. 12-25-77. DTD 2972'. IP 16 BOP/23 BW. McClosky, top 2914'. Clay City Consol.

4N, 10E

10, SW NE SE. J. E. Brown, Sr. #1 R. Graves. Spd. 9-15-77. Comp. 2-7-78. TD 3079'. IP 40 BOP. Spar Mountain, top 3006'. Olney Consol.

4N, 14W

26, SW SW SE. C.E.R. Production Co. #1 C. Scherer. Spd. 1-2-77. Comp. 12-21-77. TD 3030'. Oil producer, IP not available. Spar Mountain, top 2964', acid. Hadley.

SANGAMON COUNTY

14N, 3W

Irr. 6, 330' NL, 330' WL, SW SE. Hale Resources & Energy Co. #1 Virgel A. Hawk Jr. Comm. Abd. loc. Edinburg West.

WABASH COUNTY

1N, 12W

Irr. 13, 1650' SL, 990' EL, SE. Whiteside Oil Co. #1 Wright Heirs. Spd. 10-12-77. Comp. 2-7-78. TD 2910'. IP 40 BOP. Bethel, top 2141'. Allendale.

28, C N/2 SW SW. Gilbert A. Higgins #1 Verne Showalter. Spd. 1-5-78. Comp. 1-25-78. TD 2012'. IP 84 BOP. Cypress, top 2001', acid. Allendale.

28, C S/2 SW SW. Gilbert A. Higgins #2 Verne Showalter. Spd. 1-12-78. Comp. 2-21-78. TD 2020'. IP 5 BOP/25 BW. Cypress, top 2006'. Allendale.

2S, 13W

Irr. 30, 330' NL, 1650' EL, NW. Jack Hocking #6 Jack Hocking. Spd. 12-18-77. Comp. 1-16-78. TD 3706'. IP 42 BOP. Cypress, top 2497'; McClosky, top 2890', nat. New Harmony Consol.

WAYNE COUNTY

1N, 5E

36, SW SW SW. Joe A. Dull #1 Clayton Manahan. Spd. 10-6-77. Comp. 2-7-78. TD 3900'. IP 32 BOP. McClosky, top 3080'. Johnsonville West.

1N, 7E

35, NE SE NW. Richard W. Beeson #6 Harold Barnard. Abd. loc. Clay City Consol.

## WAYNE COUNTY (continued)

1N, 7E

35, NW SW SE. Richard W. Beeson #2 H. Hawk. Abd. loc. Clay City Consol.

1N, 8E

11, SE SW NE. Black Hawk Resources Corp. #64-11 Wilkin et al. Spd. 10-28-77. Comp. 1-13-78. TD 3850'. IP 84 BOP/65 BW. Salem, top 3472', acid frac. Clay City Consol.

21, NW SE NE. K. Leon Hagen #2 Fildes. Spd. 7-25-77. Comp. 2-21-78. TD 3751'. IP 40 BOP. Spar Mountain, top 3021'; McClosky, top 3054', acid. Clay City Consol.

1N, 9E

23, SW NW SW. Energy Resources Corp. #2 French. OWNO. OWDD. Was Stanolind Oil & Gas Co. #1 J. H. Arnold. Was D&A. OTD 3384'. Comp. 8-10-43. Recomp. 5-18-77. DTD 4045'. IP 44 BOP/10 BW. McClosky, top 3290', acid. Maple Grove Consol.

2N, 7E

23, C S/2 SE NE. Hubert W. Rose #2-A Smith. OWDD. Conversion. Was Pure Oil Co. #2 A. G. Smith "B". Was Aux Vases producer converted to Aux Vases water input. OTD 3036'. Comp. 1-16-78. DTD 3569'. IP 15 BOP/trace of water. Salem, top 3489', acid. Clay City Consol.

1S, 5E

28, SE NE NE. Lake Michigan Exploration Co. #1 George W. Reed. Spd. 10-5-77. Comp. 11-7-77. TD 3688'. SWD. Cypress, top 2750' (approx.). Keenville.

33, 380'NL, 330'EL, NW NE. Van Fossan Oil Assoc. #1 Dewey Staton et al. Spd. 12-27-77. Comp. 1-5-78. TD 3770'. D&A. Salem, top 3457'. Keenville.

34, NW NE SW. N. A. Baldridge #2 B. Bozarth. Spd. 9-13-77. Comp. 2-7-78. TD 3831'. IP 30 BOP. Aux Vases, top 2970', frac. Keenville.

1S, 6E

14, NE NW NE. Fletcher F. Farrar #4 Paul White. Spd. 9-22-77. Comp. 1-17-78. TD 3831'. IP 25 BOP/10 BW. Salem, top 3768', acid. Johnsonville South.

20, NW NE SE. Bufay Oil Co. #1 Belford. Spd. 12-7-77. Comp. 2-10-78. TD 3240'. IP 34 BOP/lots of water. Aux Vases, top 3046', mca and frac. Johnsonville Consol.

Irr. 24, 330'NL, 330'WL, NE SW SE. Carl E. Busby #7 Simms. Spd. 11-22-77. Comp. 2-21-78. TD 3912'. IP 200 BOP. Aux Vases, top 3129', frac. Clay City Consol.

WAYNE COUNTY (continued)

1S, 6E

Irr. 24, 330'NL, 990'EL, NW SE. Wagner Oil & Gas #2 Simms. Spd. 1-30-78. Comp. 2-13-78. TD 3910'. D&A. Ullin, top 3900' (approx.). Clay City Consol.

Irr. 24, 330'SL, 330'EL, NW SE. Wagner Oil & Gas #1 C. O. Simms. Spd. 8-23-77. Comp. 10-7-77. TD 3845'. IP 45 BOP/10 BW. Salem, top 3800', acid. Clay City Consol.

Irr. 25, 330'NL, 330'WL, NW. Carl E. Busby #4 Gaston Heirs. Spd. 10-22-77. Comp. 2-21-78. TD 3209'. IP 6 BOP/80 BW. Aux Vases, top 3116', frac. Clay City Consol.

1S, 7E

Irr. 18, 380'NL, 330'WL, SE NE. Ernest Sherman #1 T. Smith. Spd. 8-19-77. Comp. 2-21-78. TD 4005'. IP 8 BOP/lots of water. Aux Vases, top 3144', frac. Clay City Consol.

Irr. 19, 330'SL, 330'EL, N/2 SW. Ernest Sherman #1 Mary P. Lofton. Spd. 6-27-77. Comp. 2-21-78. TD 3246'. IP 3 BOP. McClosky, top 3234', mca. Clay City Consol.

Irr. 19, 330'NL, 990'EL, NW NE. Ernest Sherman #2 Corrine Long. Spd. 1-12-78. Comp. 1-24-78. TD 4025'. D&A. Warsaw, top 4010'. Clay City Consol.

28, SW SE SW. Van Fossan Associates #1 Cecil Collins et al. Spd. 11-18-77. Comp. 1-9-78. TD 3984'. IP 75 BOP/20 BW. Salem, top 3872', mca. Clay City Consol.

28, NW SE SW. Van Fossan Oil Assoc. #2 Cecil Collins et al. Spd. 2-5-78. Comp. 2-14-78. TD 3970'. D&A. Ullin, top 3965'. Clay City Consol.

28, SW SW SW. Van Fossan Oil Assoc. #1 Edwin Simpson et al. Spd. 1-6-78. Comp. 1-17-78. TD 3971'. D&A. Salem, top 3612'. Clay City Consol.

33, 380'NL, 330'WL, NE. Modern Explorations #1 Owen Wilson. Spd. 12-27-77. Comp. 1-4-78. TD 3975'. D&A. Salem, top 3641'. Clay City Consol.

2S, 6E

14, NE NW NW. Art Buchanan #2 Olen Baker. Spd. 2-1-78. Comp. 2-11-78. TD 3424'. D&A. St. Louis, top 3420' (approx.). Covington South.

2S, 9E

31, NW SW SW. Jerry E. Friend #2 Moore. Spd. 6-17-77. Comp. 11-1-77. TD 3440'. IP 15 BOP/5 BW. McClosky, top 3370'. Barnhill.

WHITE COUNTY

4S, 8E

20, SE NE SW. RK Petroleum Corp. #1 Gray Estate. Spd. 12-30-77. Comp. 1-15-78. TD 4460'. D&A. Warsaw, top 4160'. WN - Springerton South.

WHITE COUNTY (continued)

4S, 8E

29, SW SE NW. Perry Fulk #1 Hendershott et al. Unit. Spd. 10-20-77. Comp. 11-29-77. TD 3362'. IP 92 BOP. Aux Vases, top 3355', frac. Springerton South.

29, SE SW NW. Perry Fulk #1 Stahl et al. Unit. Spd. 10-14-77. Comp. 11-29-77. TD 3372'. D&A. Aux Vases, top 3357'. Springerton South.

31, NE SW NE. R. K. Petroleum Corp. #1 Lola Young. Spd. 1-23-78. Comp. 2-7-78. TD 3621'. D&A. McClosky, top 3532'. WN - Springer-ton South.

33, SW NW SW. Donald E. Brown, Sr. #3 J. T. Lawrence. Spd. 10-25-77. Comp. 2-14-78. TD 3361'. IP 65 BOP/12 BW. Aux Vases, top 3326'. Springerton South.

33, C N/2 NW NW. Perry Fulk #1-A Irene Tittle. Spd. 2-5-78. Comp. 2-12-78. TD 3380'. D&A. Aux Vases, top 3328' (approx.). Springerton South.

4S, 14W

Irr. 30, 330'NL, 330'EL, SE NE. Royal G. Cantrell #1 Atterberry Heirs. Spd. 10-24-77. Comp. 1-20-78. TD 2491'. D&A. Tar Springs, top 2471'. New Harmony Consol.

34, 330'SL, 800'EL, NE NE. The Superior Oil Co. #E-6 H. C. Ford et al. Abd. loc. New Harmony Consol.

7S, 11E

Irr. 30, 110'NL, 330'WL, NE NW. C. E. Brehm Drlg. & Prod. #6 Boetticher. OWWO. Was Vernon D. Jarvis #1 Boetticher Heirs. Was D&A. OTD 2844'. Comp. 10-31-63. Recomp. 6-15-77 (est.). COTD 2844'. IP 20 BOP/5 BW. Tar Springs, top 2106'. New Haven Consol.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH FEBRUARY 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CRAWFORD COUNTY

5-5N-12W, 330'NL, 330'WL, SW. Prudential Oil Co. #1 Rosborough, formerly W. T. Frederking & A. P. Wageman #1 Rosborough Heirs. 1430'. 2-17-78. Main Consol.  
31-6N-12W, 250'SL, 250'WL, SW SW SE. Ohio Oil Co. #6 J. D. Highsmith. 954'. 2-3-78. Main Consol.

## GALLATIN COUNTY

11-8S-9E, 330'NL, 330'WL, NE NE. John M. Zanetis #1 W. W. Slatton. 2842'. 9-16-61. Inman West Consol.  
11-8S-9E, 330'NL, 330'EL, NE. John M. Zanetis #3 W. W. Slatton. 2831'. 4-8-76. Inman West Consol.

## JASPER COUNTY

33-6N-10E, 330'NL, 330'WL, NE. Parrish Production Co. #2 Warren Consol., formerly Pure Oil Co. 3324'. 1-25-78. (Salt water disposal, formerly a producer.) Clay City Consol.  
26-7N-9E, 330'NL, 660'WL, SW SE. Dorothy J. Stoehr #1 Howard Phillips. 2960'. 1-13-78. Newton West.  
29-8N-9E, 330'SL, 330'WL, NE NW. Hubco #1 E. Groves. 2902'. 2-2-78. Gila.

## LAWRENCE COUNTY

8-3N-12W, 20'SL, 1300'WL, NE. Ohio Oil Co. #13 S. Boo. 935'. 1-3-78. (Water input, formerly a producer.) Lawrence.  
25-3N-12W, 380'NL, 180'WL, SE SE. International Oil & Gas #3 J. E. Finley, formerly #3 Seed. 1855'. 1-19-78. Lawrence.  
36-3N-12W, 210'SL, 240'WL, SW NE. Ohio Oil Co. #10 T. F. Leighty. 1820'. 1-12-78. Lawrence.  
19-4N-12W, 220'SL, 288'EL, NE. Ohio Oil Co. #17 S. E. Hazel. 1332'. 1-6-78. Lawrence.  
19-4N-12W, 206'NL, 325'WL, SE. Ohio Oil Co. #24 S. E. Hazel. 1354'. 12-30-77. Lawrence.

## WAYNE COUNTY

35-1N-6E, 330'SL, 660'EL, NE NW. Deep Oil Co. #2 Kenneth Penington. 3164'. 1-6-78. Johnsonville Consol.  
Irr. 3-1S-6E, 990'SL, 330'WL, NW SW. C. E. Brehm Drlg. & Prod. #1 Lowe. 3980'. 2-9-78. Johnsonville Consol.  
21-1S-8E, 330'NL, 330'EL, NW NW. Tamarack Pet. Co. #3E O. H. Gray, formerly Slagter Prod. Co. 3265'. 2-8-78. (Water input, formerly a producer.) Clay City Consol.  
35-1S-9E, 330'SL, 330'WL, NW NW. Alva C. Davis #2 D. T. Saint Ledger. 3359'. 1-23-78. Half Moon.

## WHITE COUNTY

25-4S-10E, NW SW NE. Victor R. Gallagher #1 Hughes Comm. 2338'. 12-29-77. Phillipstown Consol.  
25-4S-10E, 330'SL, 330'WL, NW NE. Victor R. Gallagher #2 Hughes Comm. 2338'. 12-27-77. Phillipstown Consol.

## WHITE COUNTY (continued)

25-4S-10E, 330'NL, 330'EL, NW NE. Victor R. Gallagher #4 Kuykendall. 2345'.  
1-6-78. (Water input, formerly a producer. Phillipstown Consol.

25-4S-10E, 300'NL, 330'EL, NE SE. Victor R. Gallagher #9 Kuykendall Water-  
flood Unit. 1358'. 1-7-78. Phillipstown Consol.

5-5S-14W, 330'SL, 330'WL, NE NW. Clarence E. Brehm #3 Francis Stallings.  
2866'. 11-15-77. New Harmony Consol.

23-6S-9E, 660'NL, 660'WL, SW. Jim Haley Production & Andrews #1 M. W. Trainor.  
5174'. 12-30-77. Storms Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Circ. 453. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 432. The Effect of Buried Niagara Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser. 1971-11. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).

## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	



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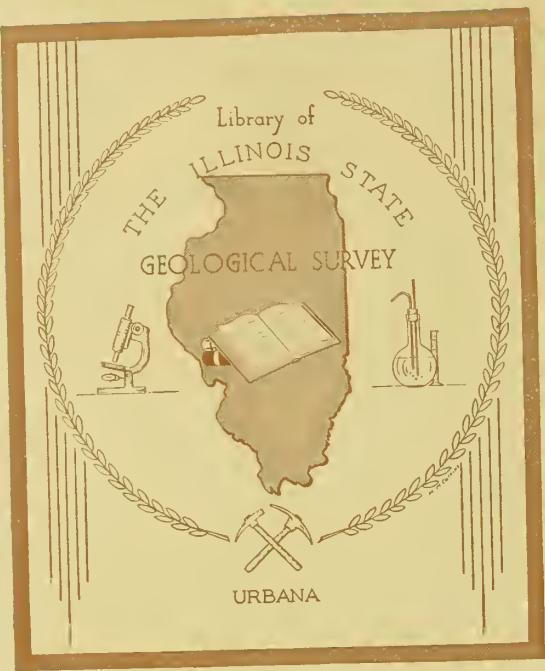
ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



## DISCOVERIES

### New Fields

WAYNE CITY. Wayne County, 18-2S-6E, Salem at 3873'.

Discovery well, Black Hawk Resources Corp. #42-18 O'Daniel, IP 35 BOP, 75 BW.

### New Pay Zones in Fields

BROUGHTON. Hamilton County, 27-6S-7E, Ullin at 4180'.

Discovery well, Duke Resources Corp. #1 Van Winkle, IP 60 BOP. (This well was erroneously run in the July 1977 Drilling Report as a McClosky producer.)

EXCHANGE. Marion County, 25-1N-3E, St. Louis at 2946'.

Discovery well, Ego Oil Co., Inc. #1-A J. William Blankenship, IP 20 BOP, 60 BW from St. Louis and Salem.

LAWRENCE. Lawrence County, 29-4N-12W, Trenton at 4382'.

Discovery well, Marathon Oil Co. #79 J. B. Lewis, IP 11 BOP, 2 BW.

### Extensions to Fields

HICKORY HILL. Marion County, 23-1N-4E, Spar Mtn. at 2813'.

Discovery well, Van Fossan Assoc. #1 John Carter, IP 25 BOP.

MAIN CONSOLIDATED. Crawford County, 1-5N-12W, Pennsylvanian at 544'.

Discovery well, William E. Lampley #1 Brashear, shut-in gas well.

ILLINOIS STATE  
GEOLOGICAL SURVEY  
LIBRARY

TABLE I

New Pools Discovered from April 1977 through March 1978

Pool: County	Twp. Rng.	Pool: County	Twp.	Rng.
<u>April 1977</u>		<u>October</u>		
None		None		
<u>May</u>		<u>November</u>		
None		Holliday Fayette County	9N	3E
<u>June</u>		Illiopolis Sangamon County	16N	2W
None				
<u>July</u>		<u>December</u>		
None		Spring Garden Jefferson County	4S	3E
<u>August</u>		<u>January 1978</u>		
None		None		
<u>September</u>		<u>February</u>		
Cooperstown (gas) Brown County	1S 2W	None		
		<u>March</u>		
		Wayne City Wayne County	2S	6E

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in		
	Field Wells	Discoveries		Newly Drilled Holes	Reworked		Wildcat	Total New Tests	Thousands of Barrels
		Field	Ext.		Dry Holes	Field Wells			
<u>1977</u>									
Jan.	41(1)	0	0	37	4(1)	16	2	3	53
Feb.	33	0	1	34	0	8	3	1	46
Mar.	48(1)	0	1	42(1)	7	17	6	3	69
Apr.	50(1)	0	1	46(1)	5	11	3	5	66
May	59(1)	0	0	54(1)	5	21	10	0	36
June	53(3)	0	1	54(3)	5	32	12	7	103
July	40(1)	0	1(2)	39(3)	2	26	13	3	84
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103
Oct.	53	0	2	46	9	36	9	5	96
Nov.	60(3)	2	2	61(3)	3	27	12	5	108
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036
									25,609
<u>1978</u>									
Jan.	38	0	1	38	1	7	1	2	48
Feb.	55(1)	0	0	52(1)	3	29	9	3	94
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through February 1973 are from reports received directly from crude gathering companies. The figure for March 1978 is estimated.

TABLE III  
Drilling by Counties, Oil and Gas, March 1978

County	Permits to Drill <sup>o</sup>	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		OWNC	D&A to Prod.	New	Conversions		
			Prod.	D&A				Were Prod.	Others	
Christian	-	1	-	1	-	-	-	-	-	-
Clark	4	6	5	1	-	-	-	-	-	-
Clay	2	7	2	2	1	-	2	-	-	-
Clinton	1	-	-	-	-	-	-	-	-	-
Crawford	5	7	3*	2	1*	-	-	-	-	1
Edgar	1	-	-	-	-	-	-	-	-	-
Edwards	-	3	1	1	-	-	-	-	1	-
Effingham	-	2	1	1	-	-	-	-	-	-
Fayette	-	3	2	1	-	-	-	-	-	-
Franklin	1	1	-	-	1	-	-	-	-	-
Gallatin	-	1	1	-	-	-	-	-	-	-
Hamilton	5	2	1	1	-	-	-	-	-	-
Jasper	-	1	-	1	-	-	-	-	-	-
Jefferson	2	2	-	2	-	-	-	-	-	-
Lawrence	1	3	1	-	-	-	-	-	-	2
Macon	1	1	1	-	-	-	-	-	-	-
Marion	-	3	2	1	-	-	-	-	-	-
Perry	-	1	-	1	-	-	-	-	-	-
Randolph	1	2	1	1	-	-	-	-	-	-
Richland	1	1	-	1	-	-	-	-	-	-
Saline	2	-	-	-	-	-	-	-	-	-
Sangamon	2	2	-	2	-	-	-	-	-	-
Wabash	6	5	4	1	-	-	-	-	-	-
Wayne	3	15	9	3	2	-	-	-	1	-
White	18	8	3	2	1	1	1	-	-	-
Williamson	-	1	1*	-	-	-	-	-	-	-
	56	78	33	25	6	1	3	2	3	

\* Includes 1 gas well

<sup>o</sup> Issued by Department of Mines and Minerals, Springfield, Illinois, March 2, 1978 through March 30, 1978.

TABLE IV

## Drilling by Counties, Natural Gas Storage, March 1978

County	Permits to drill <sup>o</sup>	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	2	-	-	-	-	-
McLean	1	-	-	-	-	-
	3	-	-	-	-	-

<sup>o</sup>Issued by Department of Mines and Minerals, Springfield, Illinois, March 2, 1978 through March 30, 1978.

## WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

## WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 30,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

## WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

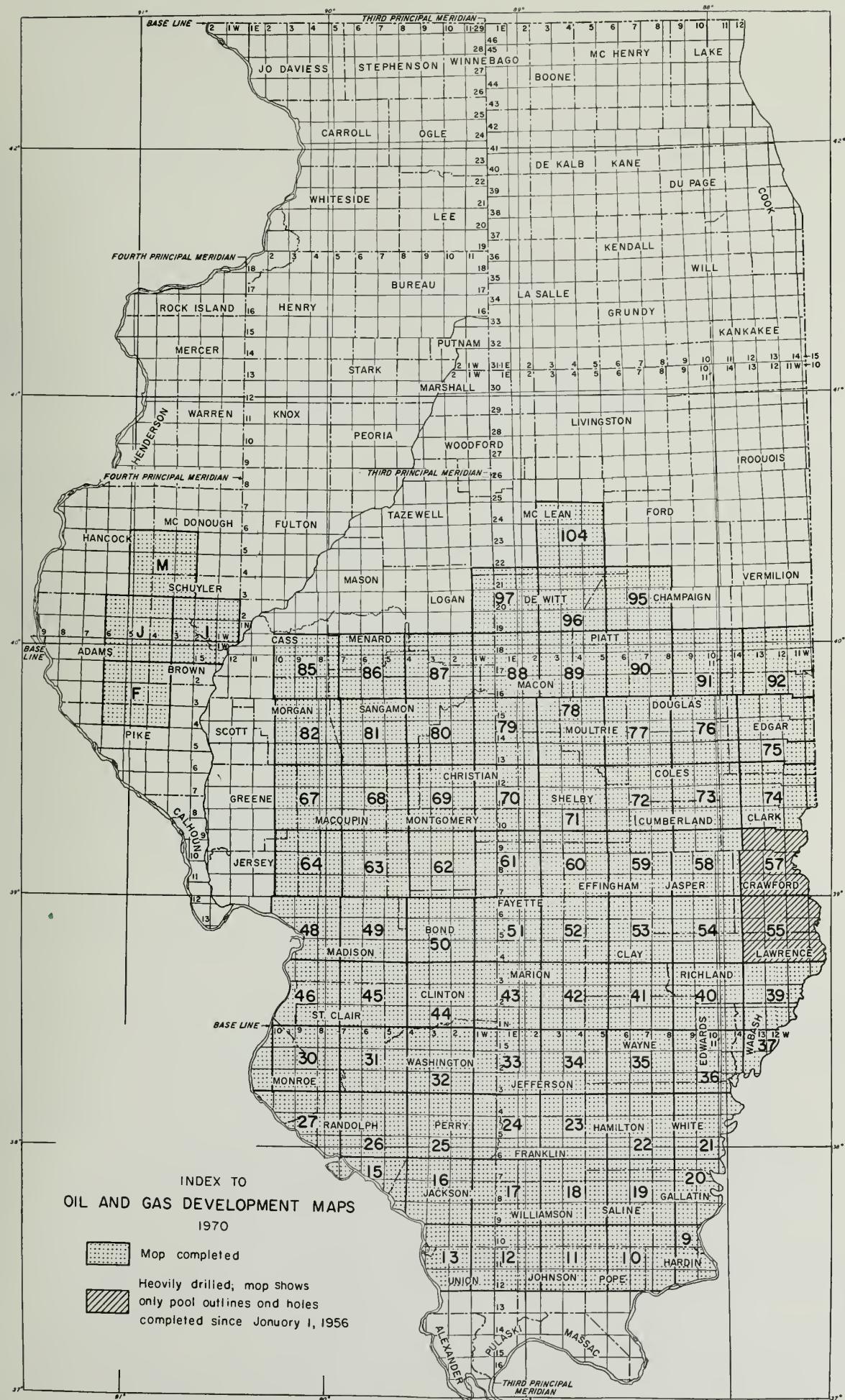
### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) show field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 61938 (phone 217-235-0311)





## WELLS COMPLETED FROM FEBRUARY 25, 1978 TO MARCH 31, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

4N, 4W

11, 355'NL, 355'EL, NW SE. Dolphin Operating Co., Inc. #2A Neumann-Parker-Vosholler. Abd. loc. Stubblefield South.

CHRISTIAN COUNTY

15N, 2W

9, SW SE NW. John Carey Oil Co., Inc. #1 Matthews. Spd. 3-2-78. Comp. 3-6-78. TD 1850'. D&A. Silurian, top 1794'. WN - Roby East.

CLARK COUNTY

10N, 11W

4, SW SW NE. W. A. Corley #1 J. Robert Finkbiner. Spd. 2-2-78. Comp. 2-13-78. TD 2385'. D&A. Devonian, top 2364'. WF.

10N, 13W

30, 990'SL, 360'EL, SW SW. Fear & Duncan Oil Producers #1-T Baker. Spd. 6-11-77. Comp. 8-77. TD 2880'. IP 70 BOP/80 BW. Trenton, top 2821', frac. Martinsville.

30, SE SW SE. Fear & Duncan Oil Producers #1-T Brosman. Spd. 8-27-77. Comp. 11-77. TD 2871'. IP 65 BOP/10 BW. Trenton, top 2830', frac. Martinsville.

30, 399'SL, 385'WL, NW SE SW. Fear and Duncan Oil Producers #2-T Gallatin-McClelland. Spd. 6-26-77. Comp. 9-77. TD 2880'. IP 40 BOP/trace of water. Trenton, top 2815', frac. Martinsville.

30, 330'SL, 430'WL, SE NE. Fear and Duncan Oil Prod. #1-T Morgan. Spd. 8-1-77. Comp. 10-77. TD 2870'. IP 85 BOP/10 BW. Trenton, top 2721', frac. Martinsville.

30, 330'NL, 257'EL, NW SW. Fear & Duncan Oil Producers #1-T Spraker. Spd. 9-11-77. Comp. 11-77. TD 2870'. IP 55 BOP/10 BW. Trenton, top 2795', frac. Martinsville.

CLAY COUNTY

2N, 8E

Irr. 4, 330'SL, 330'EL, NW SE. K. Leon Hagen #1 Mosley Comm. Spd. 5-20-77. Comp. 3-15-78. TD 6192'. IP 20 BOP/0 BW. Salem, top 3542', acid. Clay City Consol.

Irr. 4, 330'SL, 330'EL, SW SE. K. Leon Hagen #1 Travis. Spd. 11-25-76. Comp. 2-12-77. TD 3813'. IP 30 BOP/30 BW. McClosky, top 2962', frac.; Salem, top 3604', acid. Clay City Consol.

10, SW NW SW. James A. Gray #3 Routt. OWNO. Was Kenneth E. Beeman #3 Routt. Was plugged Salem producer. OTD 3359'. Comp. 11-6-74. Recomp. 9-20-77. COTD 3334'. IP 10 BOP/3 BW. Salem, top 3323' (est.), acid and frac. Clay City Consol.

CLAY COUNTY (continued)

3N, 7E

Irr. 2, 890'NL, 330'EL, NW. James C. Franklin #4 Tolliver. Spd. 11-31-72. Comp. 3-14-78. TD 2978'. D&A. McClosky, top 2954'. Sailor Springs Consol.

3N, 8E

8, C S/2 NW NE. Hagen Oil Co. #1 Bemis. Abd. loc. Clay City Consol.

4N, 7E

10, 435'SL, 777'WL, SE SW. Shelby A. & Sylvia Britton #1 Murphy. OWDD. Conversion. Was McCollum & Kincaid #SW-1 N. Hoosier Unit. Was Pennsylvanian sand water supply well, temp. abd. OTD 2005'. Comp. 12-10-62. Recomp. 8-30-75. DTD 2939'. IP 4 BOP/10 BW. Cypress, top 2584', frac. Sailor Springs Consol.

27, NW NE NE. Shelby & Sylvia A. Britton #4 Lowell Hagen. Conversion. Was Cypress producer. Comp. 2-10-78. COTD 2640'. SWD. Cypress, top 2617'. Sailor Springs Consol.

10, 435'SL, 777'WL, SE SW. Shelby A. & Sylvia Britton #1 Zella Murphy. Conversion. Was Cypress producer. Comp. 4-1-76. COTD 2756'. SWD. Tar Springs, top 2346'; Cypress, top 2584'. Sailor Springs Consol.

5N, 5E

15, SW NE NW. S. A. & S. Britton #2 A. L. Kidwell. OWWO. Was Texas Co. #2 A. L. Kidwell. Was plugged Bethel and Aux Vases producer. OTD 2327'. Comp. 2-9-43. Recomp. 2-13-78. COTD 2265' (est.). IP 3 BOP/3½ BW. Cypress, top 2096' (approx.). Iola Consol. This well was erroneously reported as temp. abd. in the May 1975 Drilling Report.

5N, 8E

Irr. 30, 330'SL, 330'WL, NE SE. Charles H. Stephens #1 P. Mullins. Spd. 12-27-77. Comp. 3/7/78. TD 3037'. Temp. abd. St. Louis, top 3014'. Sailor Springs Consol.

COLES COUNTY

13N, 14W

16, 330'NL, 490'WL, SE SE. Harvey L. Washburn #1-W Harvey Washburn. OWWO. Was Rayburn Drilling Co. #1-R Harvey Washburn. Was plugged Pennsylvanian producer. OTD 425'. Comp. 11-5-63. Recomp. 6-15-77. COTD 424'. IP 3 BOP/30 BW. Pennsylvanian, top 407'. Ashmore East.

16, NE NW SE. Washburn Oil Co. #3 Rose Washburn. OWWO. Was Walter Henigman #3 Rosa Washburn. Was Pennsylvanian producer. Comp. 8-4-76. COTD 428'. IP 2 BOP/20 BW. Pennsylvanian, top 412', shot. Ashmore East.

CRAWFORD COUNTY

5N, 12W

Irr. 1, 660' SL, 330' WL, NW SW. William E. Lampley #1 Brashear. Spd. 12-76. Comp. 3-14-78. TD 570'. SIGW, IP not available. Pennsylvanian, top 544'. EXTENSION TO MAIN CONSOL.

Irr. 4, 330' SL, 330' EL, SW SW. Mason Oil Co., Inc. #1 Cletus Hille. Abd. loc. Main Consol.

9, SE NW SW. Fair-Rite Products Corp. #1 Taylor. OWWO. Was Walter Collins #1 Taylor. Was D&A. OTD 1200'. Comp. 10-23-56. Recomp. 3-14-78. COTD 1100 (est.). SIGW, IP not available. Robinson, top 753', mca. Main Consol.

6N, 13W

24, C S/2 SE SW. M. C. Milam #1 Smith Heirs. Spd. 5-20-77. Comp. 3-7-78. TD 4260'. D&A. Trenton, top 4108'. Main Consol.

7N, 12W

4, NE SE SW. Don W. Slater #2 C. Hawkins. Spd. 10-15-75. Comp. 3-14-78. TD 1129'. Temp. abd. Robinson, top 1085'. Main Consol.

7N, 13W

29, 599' SL, 722' EL, NE NW. Marathon Oil Co. #A-2 Ethel McKee Unit. Spd. 11-27-77. Comp. 3-6-78. TD 2984'. IP 70 BOP/93 BW. Devonian, top 2734', acid. Main Consol.

8N, 12W

32, SW NW NE. Daniel R. Leavell #5 Schutte-Biddle. Spd. 12-14-77. Comp. 3-7-78. TD 1046'. IP 3 BOP/some water (est.). Robinson, top 1006', frac. Main Consol.

EDWARDS COUNTY

1N, 14W

5, SW NW SW. Viking Oil Co. #1 Charles Maas. Spd. 2-18-78. Comp. 2-27-78. TD 4100'. D&A. Ullin, top 3962'. Parkersburg Consol.

1S, 10E

14, NE NE NW. Edward J. Saxe #1-B Gilbert Colyer. Spd. 6-1-77. Comp. 3-14-78. TD 3304'. IP 13 BOP. Ohara, top 3290'. Bone Gap Consol.

2S, 14W

28, 1270' SL, 330' WL, NE. John M. Zanetis #8-B Cowling. Conversion. Was D&A. Was temp. abd. OTD 2916'. Comp. 10-27-77. Recomp. 3-6-78. COTD 2916'. SWD. Cypress, top 2720'; Bethel, top 2848'. Albion East.

EFFINGHAM COUNTY

3N, 4E

Irr. 6, 330' NL, 330' WL, NE SW. W. L. Belden #4 Doty Bros. Abd. loc. Louden.

EFFINGHAM COUNTY (continued)

9N, 4E

31, 330'NL, 480'WL, NE SE. Tri-Star Producing Co., Inc. #1 James Doty Comm. Spd. 10-14-77. Comp. 3-7-78. TD 3095'. IP 20 BOP. Devonian, top 3079', mca and frac. Louden.

31, 165'NL, 283'EL, NE. Tri-Star Producing Co., Inc. #1 Frailey Comm. Spd. 11-12-77. Comp. 3-7-78. TD 3122'. D&A. Devonian, top 3118'. Louden.

FAYETTE COUNTY

9N, 3E

25, SE SW NE. Tri-Star Producing Co., Inc. #1 Harold Larimore. Spd. 1-10-78. Comp. 3-7-78. TD 3137'. IP 20 BOP. Devonian, top 3112'. Louden.

25, 380'SL, 330'EL, NE. Tri-Star Producing Co., Inc. #1 R. W. Larimore. Spd. 12-27-77. Comp. 3-7-78. TD 3224'. IP 35 BOP (est.). Devonian, top 3115'. Louden.

27, C E/2 SW NW. Louis H. Kapp, Jr. #2 Roland Little. Spd. 2-24-78. Comp. 3-5-78. TD 3226'. D&A. Devonian, top 3210'. WN - Holliday.

FRANKLIN COUNTY

5S, 1E

35, 990'NL, 330'EL, NW. Fletcher F. Farrar #1 Witges. Spd. 11-12-77. Comp. 1-3-78. TD 4505'. IP 35 BOP/15 BW. Clear Creek-Devonian, top 4438', mca and acid. Sesser Consol. (In January 1978 Drlg. Report the pay for this well was erroneously reported as "Salem, new pay in field."

5S, 3E

1, SW SE NW. C. E. Brehm Drlg. & Prod. #1 Falger. OWWO. CWDD. Was Ray Bianucci #1 Pearce-Clayton Heirs. Was D&A. OTD 3102'. Comp. 8-23-62. Recomp. 4-4-77. DTD 3989'. IP 35 BOP. Ullin, top 3841', nat. Ewing East.

GALLATIN COUNTY

8S, 10E

32, 295'SL, 390'EL, NE NW. Paul Knight #3-A George Golden. Spd. 8-2-77. Comp. 10-21-77. TD 815'. IP 5 BOP/0 BW. Pennsylvanian, top 801', frac. Ab Lake. (This well was erroneously reported as abd. loc. in the March 1977 Drlg. Report.)

HAMILTON COUNTY

6S, 6E

17, 910'NL, 660'WL, SW. Southeastern Ill. Oil Production Co., Inc. #1 Leon Vaughn. Spd. 12-24-77. Comp. 3-14-78. TD 4390'. IP 50 BOP/70 BW. McClosky, top 3320', mca. Dale Consol.

6S, 7E

27, 330'SL, 330'EL, NE SW. Duke Resources Corp. #1 Van Winkle. Spd. 10-10-76. Comp. 2-15-77. TD 4328'. IP 60 BOP. Ullin, top 4180'. Broughton. (Was erroneously run as a McClosky producer in the July 1977 Drlg. Report.) ULLIN NEW PAY IN FIELD.

HAMILTON COUNTY (continued)

6S, 7E

34, C N/2 NE NE. Duke Resources Corp. #3 Short-Woody. Spd. 2-2-78. Comp. 2-24-78. TD 4300'. D&A. Ullin, top 4152'. Broughton.

JASPER COUNTY

6N, 14W

Irr. 7, 330' SL, 330' WL, NE SE. Red Hill Enterprises #1 N. Urfer. Spd. 2-9-78. Comp. 2-15-78. TD 2720'. D&A. Ste. Genevieve, top 2664'. Clay City Consol.

JEFFERSON COUNTY

1S, 4E

13, 330' SL, 560' EL, NW. Merritt R. Hoyt #1 Scoles-Falley. OWJO. OWDD. Was P. E. Lindsay #1 Scoles-Falley. Was D&A. OTD 3086'. Comp. 6-2-67. Recomp. 3-2-78. DTD 3542'. D&A. Salem, top 3266'. Coil West.

24, SE SE SE. Van Fossan Associates #2 Doyel Gay. Abd. loc. Coil West.

24, SE SW SE. Van Fossan Associates #3 Doyel Gay. Abd. loc. Coil West.

2S, 4E

6, NW SW SW. Modern Explorations #1 L. Schultz. Spd. 1-19-78. Comp. 1-29-78. TD 3580'. D&A. Ullin, top 3552'. Divide South.

3S, 3E

28, NE NE SE. Crystal Oil Co. #1 Royal Story. Spd. 2-20-78. Comp. 3-19-78. TD 6015'. D&A. Trenton, top 5945', approx. King.

LAWRENCE COUNTY

4N, 12W

29, 660' SL, 727' WL, SW. Marathon Oil Co. #79 J. B. Lewis. Spd. 11-1-77. Comp. 2-23-78. TD 5130'. IP 11.4 BOP/2.3 BW. Trenton, top 4382', acid. Lawrence. NEW PAY IN FIELD.

MACON COUNTY

17N, 2E

23, SE NW SE. Triple "G" Oil Co., Ltd. #4 Phillips. Spd. 9-24-77. Comp. 2-7-78. TD 2170'. Oil producer, IP not available. Silurian, top 2129', mca, frac. and acid. Forsyth.

MARION COUNTY

1N, 2E

5, 1012' NL, 1054' WL, NE. Texaco, Inc. #71 City of Centralia. Conversion. Was McClosky water input. Comp. 10-21-77. COTD 2215'. Water input. Salem, top 2177'. Salem Consol.

1N, 3E

Irr. 25, 330' SL, 330' WL, SE NW. Ego Oil Co., Inc. #1-A J. William Blankenship. Spd. 11-2-77. Comp. 3-7-78. TD 3365'. IP 20 BOP/60 BW. St. Louis, top 2946'; Salem, top 3170'. Exchange. ST. LOUIS NEW PAY IN FIELD.

MARION COUNTY (continued)

1N, 4E

23, 350'NL, 330'EL, SE. Van Fossan Assoc. #1 John Carter. Spd. 9-29-77. Comp. 3-7-78. TD 3500'. IP 25 BOP. Spar Mountain, top 2818', mca and acid. EXTENSION TO HICKORY HILL.

23, NE NE SE. VanFossan Assoc. 1A John Carter. Comp. 9-28-77. TD 1195'. Junked hole. WN - Hickory Hill.

24, NE SW SW. Van Fossan Oil Assoc. #1 Herald Meador. Abd. loc. WN - Orchardville North.

PERRY COUNTY

4S, 2W

2, 450'NL, 380'EL, SW SW. C. E. Brehm Drilling & Prod. #A-1 Rybacki. Spd. 4-13-77. Comp. 4-26-77. TD 4010'. D&A. Trenton, top 3936'. Turkey Bend.

RANDOLPH COUNTY

4S, 5W

Irr. 6, 330'SL, 330'WL, SW. John W. Kelly #2 Boyd. Spd. 2-3-78. Comp. 3-3-78 (est.). TD 2110'. IP 30 BOP/5 BW. Silurian, top 2080', approx., acid. Tilden North.

Irr. 7, 340'NL, 370'EL, NW SW. Leonard E. Bixby #1 Stevenson. Spd. 2-6-78. Comp. 2-20-78. TD 2093'. D&A. Devonian, top 2080'. WN - Tilden North.

RICHLAND COUNTY

3N, 9E

14, NW SE SE. Ridgedale Oil & Gas Co., Inc. #1 Alva Runyon. Spd. 2-10-78. Comp. 2-22-78. TD 3120'. D&A. McClosky, top 3046'. Clay City Consol.

4N, 9E

25, NW SE NW. Union Oil Co. of Calif. #5 C. A. Bower-A, Wakefield Unit. OWDD. Conversion. Was Cypress producer converted to Cypress water input. OTD 2605'. Comp. 6-23-53. Recomp. 1-5-78. DTD 2975'. IP 13 BOP/62 BW. McClosky, top 2920', acid. Clay City Consol.

SANGAMON COUNTY

15N, 2W

Irr. 6, 330'SL, 990'EL, SE. Comanche Oil Corp. #1 Fred Bell. Spd. 2-20-78. Comp. 3-7-78. TD 1843'. D&A. Silurian, top 1771'. Roby East.

8, SW NW NE. Comanche Oil Corp. #5 I.N.B. Spd. 3-6-78. Comp. 3-14-78. TD 1787'. D&A. Silurian, top 1760'. Roby East.

WABASH COUNTY

1N, 12W

28, C S/2 NW SW. Gilbert A. Higgins #1 Jerry Showalter. Spd. 1-5-78. Comp. 2-6-78. TD 2012'. IP 84 BOP. Cypress, top 2001', mca. Allendale.

WABASH COUNTY (continued)

1N, 13W

24, SE SW SW. Viking Oil Co. #1 Guisewite-Dunkel Comm. Spd. 1-10-78. Comp. 1-15-78. TD 1704'. D&A. Biehl, top 1648'. WN - Allendale.

2N, 12W

35, 2421' SL, 1370' EL, SE. Wayne Smith Operator Inc. #2 Mary E. Trimble. Spd. 7-14-76. Comp. 8-15-76. TD 1475'. IP 1 BOP/30 BW. Biehl, top 1454', frac. Allendale.

2S, 14W

11, NW SE SW. Illinois Mid-Continent Co./Dee Drlg. Co. #1 H & W Bosecker. Spd. 12-18-77. Comp. 3-4-78 (est.). TD 2957'. IP 35 BOP. Spar Mountain, top 2933', acid. Browns East.

14, SE NW NW. Hocking Oil Co., Inc. #1 Herman Dunkel. Spd. 12-3-77. Comp. 3-7-78. TD 3662'. IP 5 BOP/30 BW. Salem, top 3402', frac. Browns East.

WAYNE COUNTY

1N, 6E

29, SE SE SE. Booth Oil Co., Inc. #1 Greenwalt. OWWO. Was W. Duncan #1 A. Pennington "A". Was D&A (SO). OTD 3291'. Comp. 4-13-43. Recomp. 3-7-78. COTD 1604'. Junked hole. Johnsonville Consol.

1N, 8E

11, SW SE NE. Partlow & Cochonour #1 D & K Billington et al. Spd. 11-16-77. Comp. 3-7-78. TD 3616'. IP 60 BOP/40 BW. Salem, top 3504', acid and frac. Clay City Consol.

2N, 7E

23, SE SW NE. Hubert W. Rose #2A S. D. Broyles. OWDD. Was Pure Oil Co. #2 S. D. Broyles. Was McClosky producer. OTD 3027'. Comp. 5-15-45. Recomp. 2-25-78. TD 3748'. IP 52 BOP/52 BW. Salem, top 3310', acid. Clay City Consol.

23, 380' SL, 330' EL, SE. G. L. Kelley #3 J. G. Wright. Spd. 9-17-77. Comp. 1-24-78. TD 3060'. Oil producer, IP not available. Aux Vases, top 2929', frac. Clay City Consol.

1S, 5E

26, SW SW SE. R. L. Burns Corp. #26-1 Hardy Sledge. Spd. 10-4-77. Comp. 3-21-78. TD 3830'. D&A. Salem, top 3397'. Keenville.

1S, 6E

Irr. 1, 330' NL, 330' WL, NE SW. David Allison #2 Hilliard. Spd. 2-14-78. Comp. 2-21-78. TD 3282'. D&A. McClosky, top 3264'. Johnsonville Consol.

Irr. 1, 990' SL, 330' WL, SE. David Allison #2 Stipp. Conversion. Was D&A. Was temp. abd. Comp. 11-15-77 (est.). COTD 3050'. SWD. Cypress, top 2950'. Johnsonville Consol.

## WAYNE COUNTY (continued)

1S, 6E

Irr. 24, 660'NL, 330'WL, SE SE. Ernest Sherman #1 L. Simms. Spd. 12-28-77. Comp. 3-7-78. TD 3238'. IP 15 BOP. Aux Vases, top 3124', acid. Clay City Consol.

Irr. 24, 330'SL, 330'WL, NE SE. Ernest Sherman #1 Wolfe. Spd. 12-15-77. Comp. 3-7-78. TD 4053'. IP 75 BOP. Aux Vases, top 3102', acid; Salem, top 3804'. Clay City Consol.

26, NW NW SE. Ernest Sherman #1 C. H. Walker. Spd. 9-25-77. Comp. 3-7-78. TD 3225'. IP 25 BOP. Ohara, top 3211', acid. Clay City Consol.

1S, 7E

Irr. 19, 330'SL, 330'EL, NW SE. Donald E. Schmitt #3 O. H. Harris. Spd. 2-16-78. Comp. 2-23-78. TD 3259'. D&A. McClosky, top 3255'. Clay City Consol.

21, C N/2 NW SW. Van Fossan Associates #1 Wayne Smith. Spd. 10-24-77. Comp. 3-7-78. TD 3895'. IP 30 BOP/100 BW. Aux Vases, top 3178', mca and frac.; McClosky, top 3286', acid. Clay City Consol.

28, SW NW SW. Van Fossan Oil Assoc. #2 Edwin Simpson et al. Abd. loc. Clay City Consol.

2S, 6E

18, SE NE NW. Black Hawk Resources Corp. #42-18 O'Daniel. Spd. 9-23-77. Comp. 2-21-78. TD 4130'. IP 35 BOP/75 BW. Salem, top 3873', acid. DISCOVERY OF WAYNE CITY.

2S, 7E

3, NW NW SE. Van Fossan Oil Assoc. #1 R. H. Carter. Spd. 2-14-78. Comp. 3-9-78. TD 3936'. IP 48 BOP/10 BW. Salem, top 3786', acid. Clay City Consol.

2S, 8E

8, NE SE SW. Gordon T. Jenkins #1 George Koontz. OWWO. OWDD. Was Nation Oil. Was D&A. OTD 3378'. Comp. 7-3-51. Recomp. 3-7-78. DTD 3835'. IP 6½ BOP/20 BW. McClosky, top 3326', acid. Clay City Consol.

2S, 9E

14, NE SE SE. M. J. Williams #1-A Jones. Spd. 12-10-76. Comp. 5-12-77. TD 3398'. IP 4 BOP/½ BW. Aux Vases, top 3270', frac. Goldengate Consol.

22, NE SW NW. M. J. Williams #2 M. D. Carter. OWWO. Was E. T. Robinson and Calvert Drilling Co. #2 Carter. Was D&A. OTD 3387'. Comp. 9-23-55. Recomp. 12-10-76. COTD 3088'. IP ½ BOP/0 BW. Aux Vases, top 3216'; McClosky, top 3302', acid. Goldengate Consol.

WHITE COUNTY

4S, 8E

28, SE NW SW. Perry Fulk #1-A Hazelip Comm. Spd. 2-10-77. Comp. 3-21-78. TD 4409'. SWD. Ullin, top 4384'. Springerton South.

28, SE NE SW. Perry Fulk #2 W. L. Lewis. OWWO. OWDD. Was D&A. OTD 3496'. Comp. 2-26-77. Recomp. 2-26-77. TD 4402'. D&A. Ullin, top 4298'. Springerton South.

30, SE NE NE. Ecus Corp. #1 Mary L. Hubarc. Spd. 12-13-77. Comp. 2-25-78. TD 3422'. D&A. See. Genevieve, top 3411' (approx.). Springerton South.

4S, 10E

25, SE SW SW. Royal G. Cantrell #1 Blanche Carr. OWWO. Was E. J. Cunningham #2 Carr. Was D&A. OTD 3052'. Comp. 1-3-56. Recomp. 3-14-78. COTD 3052'. IP 2 BOP/8 BW. Tar Springs, top 2301', frac. Phillipstown Consol.

4S, 13W

19, SE SW NW. Gene Michel #1 Mildred Hagedorn. Spd. 10-8-77. Comp. 3-7-78. TD 1887'. IP 40 BOP. Clore, top 1870'. Black River.

19, NE NW SW. Gene Michel #2 Hagedorn. Spd. 11-29-77. Comp. 2-26-78. TD 1890'. IP 20 BOP/4 BW. Clore, top not available. Black River. REVIVES FIELD.

4S, 14W

Irr. 19, 350' SL, 395' WL, SW. C. E. Brehm Drlg. & Prod. #2-A Hon Hrs. Trust. Spd. 2-21-78. Comp. 2-28-78. TD 3020'. D&A. Ste. Genevieve, top 3018' (approx.). Phillipstown Consol.

5S, 8E

9, NW SW SE. C. E. Brehm Drlg. & Prod. #1 Leo Apple. OWWO. OWDD. Was D&A. OTD 3500'. Comp. 10-8-76. Recomp. 3-21-78. TD 4420'. D&A. Ullin, top 4190'. Enfield North.

6S, 10E

21, C SW NE. Jim Haley Production Co. #1 Tuley. Spd. 9-75. Comp. 1-26-76. TD 5222'. IP 70 BOP. St. Louis, top 3314', frac. Concord Consol.

7S, 9E

14, 330' NL, 390' EL, SW NW. Paul S. Knight #W-7 J. J. Harrell. Conversion. Was Tar Springs producer. Comp. 6-1-77. COTD 2275'. Water input. Tar Springs, top 2265'. Herald Consol.

WILLIAMSON COUNTY

9S, 3E

4, 635' NL, 330' EL, NE. Joe A. Dull #1 Gahm Heirs. Spd. 8-8-75. Comp. 11-12-77. TD 2570'. IP 50 MCFGPD. Tar Springs, top 1870', mca. WF. MAY OPEN NEW FIELD.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH MARCH 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed

## CLAY COUNTY

12-3N-7E, 330' SL, 330' WL, SW. W. C. McBride, Inc. #1 Clay City Banking Co. 2630'. 2-22-78. (Water input, formerly a producer.) Sailor Springs Consol.  
 13-3N-7E, 330' NL, 330' WL, SW. W. C. McBride, Inc. #1 Clara Bothwell. 2641'. 2-28-78. Sailor Springs Consol.  
 33-5N-5E, 330' SL, 330' EL, NE NW. Jabe Anderson #1 Albert Lewis. 2470'. 3-9-78. Iola Central.

## CRAWFORD COUNTY

20-7N-12W, 302' SL, 494' EL, SW. Logan Oil Co. #5-0 Lester Kirk. 1045'. 2-4-78. Main Consol.  
 20-7N-12W, 300' SL, 300' WL, SE. Logan Oil Co. #0-6 Lester Kirk. 1053'. 1-24-78. Main Consol.  
 20-7N-12W, 330' SL, 330' WL, NW SW. Logan Oil Co. #L-1 McComb. 1844'. 11-3-77. Main Consol.  
 Fr. 20-7N-12W, 670' NL, 650' WL, NW SW. Logan Oil Co. #W-3 McComb. 969'. 8-18-76. (Water input, formerly a gas producer.) Main Consol.  
 29-7N-12W, 450' NL, 1210' EL, NW. Logan Oil Co. #3 Lester Kirk. 961'. 12-29-77. Main Consol.  
 29-7N-12W, 340' NL, 340' EL, NW. Logan Oil Co. #0-4 Lester Kirk. 1056 $\frac{1}{2}$ '. 1-19-78. (Water input, formerly a producer.) Main Consol.

## LAWRENCE COUNTY

35-3N-12W, 580' NL, 230' EL, SE NE. Ohio Oil Co. #44 L. K. Leighty a/c 1. 928'. 1-24-78. Lawrence.

## WAYNE COUNTY

26-1S-9E, 330' NL, 330' EL, SE SW. Skiles Oil Corp. #5 Horace Holt. 3321'. 2-14-78. Half Moon.  
 3-2S-9E, 330' NL, 330' WL, SE NW. Kendra Corp. #1 O'Daniel-Jones. 4075'. 2-20-78. Half Moon.

## WHITE COUNTY

27-3S-9E, 330' NL, 330' EL, NW SW. Clark & Clark #1 Mamie Ridenour, formerly Stewart Oil Co. 3479'. 2-21-78. Goldengate Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Circ. 453. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).



## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned  
Acid — Acid treatment  
BOF — Barrels of oil flowing  
BOP — Barrels of oil on pump  
BW — Barrels of water  
C — Center  
Comp. — Completed  
Consol. — Consolidated  
COTD — Clean-out total depth  
Csg. — Casing  
D & A — Dry and abandoned  
Dol. — Dolomite  
DTD — Drilled deeper total depth  
E/2 — East  $\frac{1}{2}$   
EL — From the east line  
Est. — Estimated  
Ext. — Extension(s)  
Fm. — Formation  
Fr. — Fractional  
Frac. — Hydraulic fracture treatment  
IP — Initial production  
L — Line  
Loc. — Location  
Ls. — Limestone  
N/2 — North  $\frac{1}{2}$   
Nat. — Natural, no treatment  
NE — Northeast  $\frac{1}{4}$   
NL — From the north line  
NW — Northwest  $\frac{1}{4}$

OTD — Old total depth  
OWDD — Old well drilled deeper  
OWWO — Old well worked over  
PB — Plugged back  
PBTD — Plugged-back total depth  
R — Range  
S/2 — South  $\frac{1}{2}$   
SE — Southeast  $\frac{1}{4}$   
SG — Show of gas  
Sh. — Shale  
SIGW — Shut-in gas well  
SL — From the south line  
SO — Show of oil  
Spd. — Spudded  
Ss. — Sandstone  
SSO — Slight show of oil  
SW — Southwest  $\frac{1}{4}$   
Swb. — Swabbing  
SWD — Salt water disposal well  
T — Township  
TD — Total depth  
Temp. abd. — Temporarily abandoned  
W/2 — West  $\frac{1}{2}$   
WF — Wildcat far (more than  $1\frac{1}{2}$  miles  
from production)  
WL — From the west line  
WN — Wildcat near ( $\frac{1}{2}$  to  $1\frac{1}{2}$  miles  
from production)



S  
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Geol Survey

State of Illinois  
Department of Registration and Education

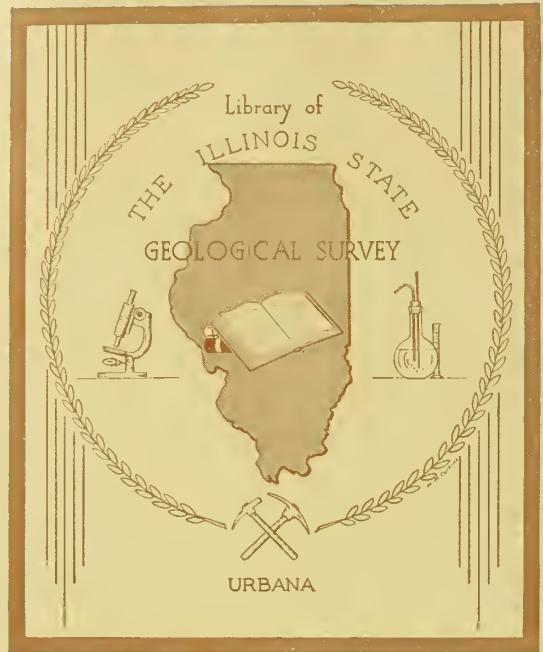
ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

O I L A N D G A S D R I L L I N G  
I N I L L I N O I S

Jacob Van Den Berg



DISCOVERIES

New Fields

None

New Pay Zones in Fields

None

Extensions to Fields

CORINTH. Williamson County, 27-8S-4E, Ohara at 2937'.

Discovery well, C. E. Brehm Drlg. & Prod. #A-1 Aikman, IP 8BOP, 6BW.

ENFIELD NORTH. White County, 4-5S-8E, Aux Vases at 3333'.

Discovery well, RK Petroleum Corp. #1 Earl Mobley, IP 4BOP.

ILLINOIS STATE  
GEOLOGICAL SURVEY  
LIBRARY

## TABLE I

## New Pools Discovered from May 1977 through April 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>May 1977</u>			<u>November</u>		
None			Holliday Fayette County	9N	3E
<u>June</u>			Illiopolis Sangamon County	16N	2W
None					
<u>July</u>			<u>December</u>		
None			Spring Garden Jefferson County	4S	3E
<u>August</u>			<u>January 1978</u>		
None			None		
<u>September</u>			<u>February</u>		
Cooperstown (gas) Brown County	1S	2W	None		
<u>October</u>			<u>March</u>		
None			Wayne City Wayne County	2S	6E
			<u>April</u>		
			None		

TABLE II

## COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

Field Wells	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in Thousands			
	Discoveries		Drilled Holes	Reworked		Field Wells	Wildcat		New Tests	of Barrels
	Field	Ext.		Dry Holes	Field Wells		Near	Far		
<u>1977</u>										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	103	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,176
Nov.	60(3)	2	2	61(3)	3	27	12	5	108	2,115
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152	2,052
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036	25,609
<u>1978</u>										
Jan.	38	0	1	38	1	7	1	2	48	1,749
Feb.	55(1)	0	0	52(1)	3	29	9	3	94	1,707
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63	1,844
Apr.	25	0	2	23	4	7	2	2	34	1,785

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through March 1978 are from reports received directly from crude gathering companies. The figure for April 1978 is estimated.

TABLE III  
Drilling by Counties, Oil and Gas, April 1978

County	Permits to Drill <sup>o</sup>	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		OWWO D&A to Prod.	New	Conversions			
			Prod.	D&A			Were Prod.	Others		
Bond	1	1	1	-	-	-	-	-	-	
Clark	1	2	1	-	-	-	1	-	-	
Clay	1	5	4	-	-	-	-	1	-	
Coles	1	-	-	-	-	-	-	-	-	
Crawford	7	4	1	-	1	1	-	1	-	
Edgar	1	-	-	-	-	-	-	-	-	
Edwards	5	2	1	1	-	-	-	-	-	
Effingham	-	-	-	-	-	-	-	-	-	
Fayette	5	-	-	-	-	-	-	-	-	
Franklin	-	3	1	2	-	-	-	-	-	
Gallatin	3	2	-	-	-	-	2	-	-	
Hamilton	9	3	-	3	-	-	-	-	-	
Jasper	1	-	-	-	-	-	-	-	-	
Jefferson	8	3	1	2	-	-	-	-	-	
Lawrence	3	-	-	-	-	-	-	-	-	
McLean	-	1	-	1	-	-	-	-	-	
Macon	1	-	-	-	-	-	-	-	-	
Madison	1	-	-	-	-	-	-	-	-	
Marion	3	1	1	-	-	-	-	-	-	
Monroe	1	1	1	-	-	-	-	-	-	
Randolph	2	-	-	-	-	-	-	-	-	
Richland	1	1	1	-	-	-	-	-	-	
St. Clair	1	-	-	-	-	-	-	-	-	
Saline	1	2	-	-	-	-	2	-	-	
Sangamon	4	-	-	-	-	-	-	-	-	
Wabash	6	5	3	-	-	-	1	-	-	
Washington	3	-	-	-	-	-	-	-	-	
Wayne	14	7	3	1	2	-	1	-	-	
White	9	8	4	-	1	-	1	2	-	
Williamson	1	-	-	-	-	-	-	-	-	
	94	51	23	11	4	1	8	4	-	

<sup>o</sup>Issued by Department of Mines and Minerals, Springfield, Illinois, March 31, 1978 through April 27, 1978.

TABLE IV  
Drilling by Counties, Natural Gas Storage, April 1978

County	Permits to drill <sup>o</sup>	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	-	2	2	-	-	-
McLean	<u>2</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	2	2	2	-	-	-

<sup>o</sup>Issued by Department of Mines and Minerals, Springfield, Illinois, March 31, 1978 through April 27, 1978.

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

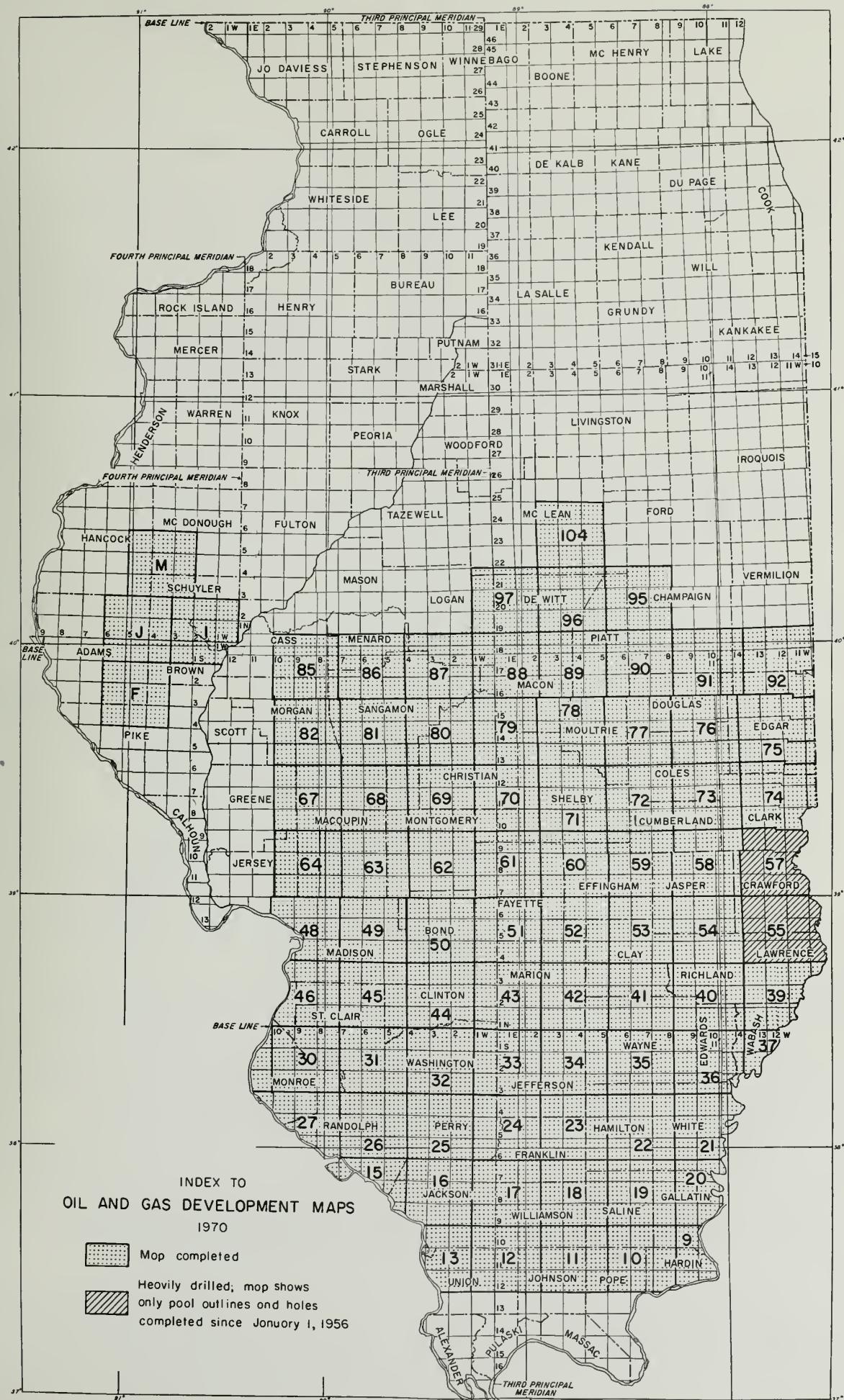
### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) show field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)





## WELLS COMPLETED FROM APRIL 1, 1978 TO APRIL 28, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

4N, 4W

11, SE SW NE. Dolphin Operating Co., Inc. #1 Rogier-Holman-H.S. Unit. Spd. 7-19-77. Comp. 10-25-77. TD 2223'. IP 110 BOP/OBW. Devonian, top 2198', Nat. Stubblefield South.

CHAMPAIGN COUNTY

21N, 7E

8, 70' SL, 200' WL, NE NE. Peoples Gas Light & Coke Co. #1 H. Wilner. Spd. 9-24-77. Comp. 10-28-77. TD 4200'. Gas injection/withdrawal. Mt. Simon, top 3958'. Manlove Gas Storage Field.

10, 50' NL, 50' EL, SW SE. Peoples Gas Light & Coke Co. #1 L. McCord. Spd. 10-4-77. Comp. 11-20-77. TD 4213'. Gas injection/withdrawal. Mt. Simon, top 3988'. Manlove Gas Storage Field.

CLARK COUNTY

10N, 13W

19, 338' SL, 330' WL, SE. Southern Triangle Oil Co. #1-SWD Marshall Hill. Conversion. Was Trenton Producer. Comp. 2-16-78. COTD 1829'. SWD. Devonian, top 1706'. Martinsville.

10N, 14W

25, NW NE NE. Southern Triangle Oil Co. #2 Catherine Slater. Abd. loc. Johnson North.

25, 430' SL, 330' EL, NW NE. Southern Triangle Oil Co. #3 Catherine R. Slater. Abd. loc. Johnson North.

25, NW NW NE. Southern Triangle Oil Co. #4 Catherine R. Slater. Abd. loc. Johnson North.

11N, 14W

4, NW NE SW. Jack H. Mankin #9 Belva Turner. Spd. 9-22-77. Comp. 11-7-77. TD 376'. IP 3 $\frac{1}{2}$  BOP. Westfield, top 312', shot. Westfield.

CLAY COUNTY

3N, 7E

2, 990' NL, 660' WL, NE NE. James C. Franklin. #2-A D. Carter. Abd. loc. Sailor Springs Consol. (This well was erroneously run in June, 1976 Drdg. report as a producer.)

5N, 7E

13, 330' NL, 225' WL, NE SW. Don W. Newton. #7 Galloway. Spd. 5-28-77. Comp. 6-20-77. TD 2567'. IP 15 BOP/15 BW. Cypress, top 2564', shot. Sailor Springs Consol.

CLAY COUNTY (Continued)

5N, 7E

13, 915'NL, 330'WL, NE SW. Don W. Newton #8 Galloway. Spd. 9-16-77. Comp. 10-10-77. TD 2573'. IP 12 BOP/20 BW. Cypress, top 2568'. Sailor Springs Consol.

13, 405'NL, 330'EL, NW SW. Don W. Newton #9 Galloway. Spd. 9-20-77. Comp. 11-1-77. TD 2567'. IP 16 BOP/40 BW. Cypress, top 2562', shot. Sailor Springs Consol.

13, 405'SL, 330'EL, SW NW. Don W. Newton #1-A Lewis. Spd. 12-3-77. Comp. 3-15-78. TD 2560'. IP 9 BOP/30 BW. Cypress, top 2560', shot. Sailor Springs Consol.

5N, 8E

32, SW NW NW. Don W. Newton. #2 Clarence Workman. OWNO. Conversion. Was S.E. Boxell #2 Workman. Was plugged McClosky producer. OTD 3034'. Comp. 2-1-61. Recomp. 12-10-77. COTD 1900'. SWD. Pennsylvanian, top 1742'. Sailor Springs Consol.

CRAWFORD COUNTY

5N, 13W

1, NW NE NW. Lamar Properties #1 Frost Heirs. Spd. 1-14-73. Comp. 3-28-78. TD 1449'. IP 30 BOP/270 BW. McClosky, top 1375', acid. Main Consol.

2, 15'NL, 660'EL, NW SW. Energy Resources of Indiana, Inc. #UW-28 Mark Ford, Jr. Abd. loc. Main Consol.

2, 685'NL, 15'EL, NW SW. Energy Res. of Indiana, Inc. #VW-29 Mark Ford, Jr. Spd. 2-9-77. Comp. 7-1-77. TD 1056'. Water input. Robinson, top 906'. Main Consol.

2, 1680'NL, 998'WL, SE. Energy Resources of Indiana, Inc. #9 Richart Heirs. Abd. loc. Main Consol.

6N, 12W

29, SE SE NW. Duke Resources Corp. #1 Quentin Frost. OWNO. OWDD. Was Dome & Drake #1 Nellie Frost. Was Aux Vases producer. OTD 1520'. Comp. 2-10-59. Plugged 9-16-59. Recomp. 4-4-78. D&A. Trenton, top 4220' (approx.) Main Consol.

6N, 13W

34, NW NE SW. E. L. Whitmer, Inc. #1 Price. Abd. loc. Main Consol.

35, SE NE SE. Lamar Properties #2-A A. J. Shipman. Conversion. Was D&A. Temp. Abd. OTD 1524'. Comp. 3-30-77. Recomp. 9-14-77. SWD. McClosky, top 1447'; St. Louis, top 1524'. Main Consol.

35, 0'NL, 520'EL, SE NE. Marathon Oil Company #2 L. O. Stagner et al. Conversion. Was the Ohio Oil Co. #WI-1. C. L. Ducummon, A/C-#1. Was Robinson water input. Comp. 1-3-54 as inactive water input well. OTD 951'. Recomp. 12-19-77. COTD 948'. IP 6 BOP/8 BW. Robinson, top 904'. Main Consol.

CRAWFORD COUNTY (Continued)

7N, 12W

3, 330' SL, 333' WL, SE SE. Mason Oil Co. #1 Michael Irvin. Abd. loc.  
Main Consol.

8N, 12W

3, NW SW SE. Mason Oil Co., Inc. #1 Maddox. Abd. loc. WN- Main Consol.

DEKALB COUNTY

38N, 3E

21, 330' NL, 828' EL, NW. De-Kane Oil Co. #1 Richard O'Kane. Abd. loc.

27, NE NW SE. De-Kane Oil Co. #1 Houghtby. Abd. loc. WF.

EFFINGHAM COUNTY

7N, 7E

1, NW NE NE. Beard & Griffith #1 Jerome Lidy. Spd. 3-3-78. Comp.  
3-12-78. TD 3388'. D&A. Salem, top 3204'. WF.

9N, 4E

30, NW SW NW. John Carey Oil Co., Inc. #2 Miller-Larimore. Spd. 12-30-77.  
Comp. 2-27-78. TD 3181'. IP 10 BOP/156 BW. Devonian, top 3140',  
acid. Louden.

FAYETTE COUNTY

8N, 3E

• 28, 60' NL, 28' WL, NW. Natural Gas Pipeline Co. #7-T L. Weaber. OWDD.  
Conversion. Was Natural Gas Pipeline Co. #7 Weaber. Was water  
withdrawal well. OTD 3397'. Comp. 10-12-73. Recomp. 10-3-75.  
DTD 4346'. Temp. abd. Trenton, top 3950' (Approx.).  
Louden Gas Storage Field.

9N, 3E

27, 620' NL, 330' EL, NW NW. Louis H. Kapp, Jr. #1 Roland Little.  
Abd. loc. Holliday.

FRANKLIN COUNTY

5S, 3E

1, NE NW NW. C. E. Brehm Drilling & Prod. #1 Slamans Comm. Spd. 4-5-77.  
Comp. 4-4-78. TD 3978'. IP 35 BOP. Ullin, top 3804'. Ewing East.

11, NW SE NW. C. E. Brehm Drilling & Prod. #1 Whittington. Spd.  
5-27-77. Comp. 6-3-77. TD 3986'. D&A. Ullin, top 3852'.  
Ewing East.

5S, 4E

24, 480' NL, 330' WL, NW. C. E. Brehm Drilling & Prod. #2 Odom.  
Spd. 12-10-77. Comp. 12-21-77. TD 4268'. D&A. Ullin, top 4106'.  
Macedonia.

GALLATIN COUNTY

7S, 8E

34, SW SW SE. T. W. George Trust #2 J. W. Utley. Conversion. Was  
James E. Carter #2 John Utley. Was Aux Vases producer. Comp.  
4-20-78. COTD 2760'. Water input. Aux Vases, top 2730'.  
Omaha.

GALLATIN COUNTY (Continued)

8S, 8E

3, NW NW NE. T. W. George Trust #4 W. R. Utley. Conversion. Was L. F. Wilson #1 Wm. R. Utley. Was Aux Vases producer. Comp. 4-20-78. COTD 2760'. Water input. Aux Vases, top 2734'. Omaha.

HAMILTON COUNTY

5S, 7E

13, SE SE NE. C. E. Brehm Drilling & Prod. #1 Basinger Comm. Spd. 5-23-77. Comp. 6-3-77. TD 4415'. D&A. Ullin, top 4312'. WN - Enfield.

6S, 6E

16, NW SW SW. Southeastern Ill. Oil Prod. Co., Inc. #2 Leon Vaughn. Spd. 2-14-78. Comp. 3-1-78. TD 3329'. D&A. McClosky, top 3290'. Dale Consol.

6S, 7E

22, SW SW SE. C. E. Brehm Drilling & Prod. #1 Hunt. Spd. 12-27-77. Comp. 1-10-78. TD 4220'. D&A. Ullin, top 4155'. WN - Broughton.

JEFFERSON COUNTY

1S, 4E

22, 330'NL, 430'EL, NE. Joe A. Dull #1 Wilbert Pierce. Spd. 12-27-77. Comp. 1-4-78. TD 3561'. D&A. Ullin, top 3461'. Coil West.

23, C N/2 NW NW. Joe A. Dull #1 Weaver. Spd. 11-22-77. Comp. 3-28-78. TD 3404'. IP 18 BOP/35 BW. Salem, top 3155'. Coil West.

24, NW SW SE. Sandy Ridge Oil Co., Inc. #1 Sam Bradford. OWNO, was Charles H. Stephens #1 Bertha Matthews. Comp. 1966. OTD 3077'. Drilled deeper 9-25-77 to TD 3625' by Van Fossan. D&A. Recomp. 3-28-78. COTD 3625'. Salem, top 3285'. Coil West.

3S, 4E

Irr. 4, 660'SL, 990'WL, SE. C. E. Brehm Drilling & Prod. #1 Griffith. OWNO - OWDD. Was Gulf Refining Co. #2 F. W. Purcell. Was D&A, OTD 3141'. Comp. 10-19-48. Recomp. 4-20-77. DTD 3906'. D&A. Ullin, top 3725'. Markham City West.

4S, 3E

35, NE SW SE. C. E. Brehm Drilling & Prod. #1 Duward. Spd. 3-11-77. Comp. 4-11-78. TD 3960'. D&A. Ullin, top 3869'. Ewing East.

4S, 4E

26, SW NE NE. C. E. Brehm Drilling & Prod. #1 Cross. OWNO - OWDD. Was Paul D. Robinson #1 Yates. Was D&A. OTD 3327'. Comp. 2-1-63. Recomp. 5-3-77. DTD 4337'. D&A. Ullin, top 4105'. WF.

MCLEAN COUNTY

22N, 4E

3, NW NW SE. E. F. Atkins #1 Carlson-Norton Comm. Spd. 8-11-77. Comp. 8-24-77. TD 1069'. D&A (left open for water well). Silurian, top 1050'. WF.

MARION COUNTY

1N, 1E

8, 340'NL, 340'EL, NW. E. E. Flippin #1A John Green. Spd. 1-4-77.

Comp. 2-10-78. TD 870', est. IP 2 BOP. Pennsylvanian, top 845' (approx.), acid. Central City.

3N, 3E

30, 330'NL, 390'EL, NW SE. Edward C. Koch #1 Soutier. Spd. 1-20-76.

Comp. 12-12-77 est. TD 2648'. Temp. abd. St. Louis, top 2590'.

Brubaker. (This well was erroneously run in the March '77 Drlg. Report as a producer.)

MONROE COUNTY

1S, 10W

35, NW SW SE. John W. Kelly #2 Schmidt. Spd. 11-3-76. Comp. 12-1-76 (est). TD 445'. IP 3 BOP/30 BW. Trenton, top 420', nat. Waterloo.

RICHLAND COUNTY

2N, 14W

20, C E/2 NE SE. Viking Oil Co. #1 Childs Trust. Spd. 2-7-78. Comp.

3-11-78. TD 4127'. IP 50 BOP/50 BW. McClosky, top 3122', acid. Parkersburg Consol.

SALINE COUNTY

7S, 5E

29, 220'SL, 330'EL, NE NW NW. Louis H. Kapp, Jr. #2 Raley. Conversion.

Was Doyle Smith #2 Raley. Was Aux Vases producer. Comp. 3-4-78. COTD 3140'. Water input. Aux Vases, top 3126'. Dale Consol.

29, NE SW NW. Louis H. Kapp, Jr. #3 Raley. Conversion. Was Doyle Smith #3 Raley. Was Aux Vases producer. Comp. 3-3-78. COTD 3135'. Water input. Aux Vases, top 3118'. Dale Consol.

WABASH COUNTY

1N, 12W

28, 330'SL, 760'WL, NW NW. Gilbert A. Higgins #1 Rudy Christy. Spd. 1-25-78. Comp. 3-27-78. TD 2324'. IP 25 BOP/15 BW. Aux Vases, top 2281', frac. Allendale.

28, 330'NL, 450'WL, SW. Gilbert A. Higgins #2 Jerry Showalter. Spd. 1-20-78. Comp. 3-21-78. TD 2322'. IP 7 BOP. Aux Vases, top 2275', frac. Allendale.

Irr. 30, 330'NL, 330'EL NW. Higgins Oil Co. #1 Price-Liddle-Frick Comm. Spd. 1-9-78. Comp. 3-8-78. TD 3242'. IP 40 BOP/0 BW. Biehl, top 1562', nat. Allendale.

1N, 13W

14, NW SW NE. RK Petroleum Corporation #1-WI K. T. Krumm. Conversion. Was Ohara producer. Comp. 10-27-77. COTD 2652'. Water input. Ohara, top 2589'. Friendsville Central.

1S, 14W

35, NE NW NW. Hocking Oil Co., Inc. #1 George Raber Heirs. Spd. 3-3-78. Comp. 3-19-78. TD 5020'. D&amp;A. Devonian, top 4707'. Lexington.

WAYNE COUNTY

1S, 5E

19, NW NW NW. Louis H. Kapp, Jr. #3 Donoho. Conversion. Was Salem producer. Comp. 2-7-78. COTD 3545'. SWD. Salem, top 3491'. Coil.

28, 330' SL, 300' EL, SE. Collins Brothers Oil Co. #2 Elsie Smith "B" Comm. Spd. 9-21-77. Comp. 11-1-77. TD 3810'. IP 60 BOP/trace of water. Salem, top 3640', acid. Keenville.

33, NW NW NE. Van Fossan Oil Assoc. #2 Dewey Staton et al. Abd. loc. Keenville.

35, 430' NL, 430' WL, NE. R. L. Burns Corp. #1 Shreve '35'. OWWO and OWDD. Was #1 Shreve. Was D&A (SO). OTD 3665'. Comp. 6-26-77. Recomp. 3-28-78. DTD 3800'. IP 88 BOP/32 BW. Salem, top 3728', acid. Keenville.

1S, 7E

21, 330' NL, 664' EL, SW SW. Van Fossan Associates #1 Roy Taylor. Spd. 1-25-78. Comp. 4-12-78. TD 4015'. D&A (SO). Salem, top 3701', acid. Clay City Consol.

2S, 7E

3, SW NW SE. Van Fossan Oil Associates #3 R. H. Carter. Spd. 3-1-78. Comp. 4-11-78. TD 3898'. IP 296 BOP. Aux Vases, top 3110'. Clay City Consol.

9, SE NE NW. Laurent Oil Co. #1 Harris. Spd. 10-25-77. Comp. 4-4-78. TD 3909'. IP 50 BOP. Salem, top 3746', acid. Clay City Consol.

2S, 9E

21, NW SE SW. M. J. Williams #1 Mary Harl. OWWO. Was originally Skiles Oil Corp. #1-B L. Harl. Was D&A. TD 3319'. Comp. 12-50. OWDD. Was Perry Fulk. Was D&A. DTD 5373'. Comp 8-62. Recomp. 1-18-77. COTD 4025'. Oil producer, IP not available. Salem, top 3804'. Goldengate Consol.

3S, 6E

5, SW NW SE. Comanche Oil Corp. #1 J. Thomason. Abd. loc. Mayberry.

WHITE COUNTY

4S, 8E

28, SE NE SW. Perry Fulk #2 W. L. Lewis. OWWO. OWDD. Was D&A. OTD 3496'. Comp. 2-28-77. Recomp. 5-20-77. DTD 4402'. IP 5 BOP/70 BW. Ullin, top 4395'. Springerton South.

29, SW SW NE. Perry Fulk #1 Hendershott-Thomas Unit. Spd. 10-25-77. Comp. 12-7-77. TD 3362'. IP 48 BOP/10 BW. Aux Vases, top 3354', frac. Springerton South.

29, SE SE NW. Perry Fulk #2 Hendershott et al. Unit. Spd. 12-28-77. Comp. 3-7-78. TD 3363'. IP 45 BOP. Aux Vases, top 3358', acid frac. Springerton South.

WHITE COUNTY (Continued)

4S, 8E

29, NW SE SW. Perry Fulk #2A Mary Ward Unit. OWWO. Conversion.  
 Was Paco Petroleum Co. #2 E. P. Kirk. Was D&A. OTD 3529'. Comp.  
 5-29-51. Recomp. 4-4-77. COTD 2125'. SWD. Pennsylvanian,  
 top 2050'. Springerton South.

32, NW SE NE. RK Petroleum Corp. #7-SWD Warthen Comm. Conversion. Was  
 D&A. Was Temp. abd. Comp. 3-21-78. COTD 4262' (est.). SWD.  
 McClosky, top 3491'; Salem, top 4252'. Springerton South.

34, NW SW NW. RK Petroleum Corp. #6-WI Continental Bank. Conversion.  
 Was Aux Vases producer. Comp. 3-20-78. COTD 3350'. Water input.  
 Aux Vases, top 3336'. Springerton South.

4S, 14W

29, NW SE SE. Superior Oil Co. #A-36 E. M. Fitton. OWDD. Was D&A (SO).  
 OTD 2940'. Comp. 3-15-55. Recomp. 2-21-78. TD 3909'. IP 13  
 BOP/83 BW. St. Louis, top 3006', acid; Salem, top 3243',  
 acid; Ullin, top 3742', acid. New Harmony Consol. (This  
 well was incorrectly run in the Sept. 1977 Drlg.  
 Report as an OWWO, COTD 2940', McClosky producer.)

5S, 8E

4, SW SW NE. RK Petroleum Corp. #1 Earl Mobley. Spd. 2-8-78. Comp.  
 2-16-78. TD 3343'. IP 4 BOP/0 BW. Aux Vases, top 3333', nat.  
 Extension to Enfield North.

23, SW NE NE. Louis H. Kapp, Jr. #1 Gerald Healy. OWWO. Was Ryan &  
 Sharp #1 W. J. Jordan. Was D&A (SO). OTD 3502'. Was Comp. 6-4-52.  
 Recomp. 4-4-78. COTD 3502'. D&A (SO). Fredonia, top 3444'.  
 WN - Enfield North.

5S, 10E

25, NE NE NE. John Carey Oil Co., Inc. #1 Holman. OWDD.  
 Was Juniper Petroleum Corp. #81-25 Holman. Was D&A. OTD 4016'.  
 Comp. 12-17-76. Recomp. 3-2-78. DTD 4687'. D&A. New  
 Albany, top 4600' (approx.). Maunie North Consol.

WILLIAMSON COUNTY

8S, 4E

27, NE NW NW. C. E. Brehm Drilling & Prod. #A-1 Aikman. Spd. 4-22-77.  
 Comp. 6-1-77 (est). TD 3080'. IP 8 BOP/6 BW. Ohara, top 2937', nat.  
 Extension to Corinth.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH APRIL 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date, of plugging and present field assignment are listed.

## CRAWFORD COUNTY

27-6N-13W, Approx. 330' NL, 330' WL of NW SW SW. Ohio Oil Co. #18 J. W. Dennis. 515'. 12-22-77. Main Consol.

21-7N-13W, 598' SL, 576' EL of NE. Marathon Oil Co. #2-A Henry Unit. 1023'. 2-16-78. Main Consol.

21-7N-13W, 429' SL, 408' EL of NE. Marathon Oil Co. #4-A Henry Unit. 1020'. 2-17-78. Main Consol.

22-7N-13W, 581' SL, 745' WL of NW NW. Marathon Oil Co. #2-E Henry Unit. 1014'. 3-6-78. Main Consol.

22-7N-13W, 1174' SL, 168' WL, NW. Marathon Oil Co. #3-C Henry Unit. 1017'. 2-28-78. Main Consol.

22-7N-13W, 496' SL, 829' WL, NW NW. Marathon Oil Co. #3-E Henry Unit. 1029'. 3-8-78. Main Consol.

22-7N-13W, 110' SL, 1216' WL, NW NW. Marathon Oil Co. #8-E Henry Unit. 1010'. 3-6-78. Main Consol.

22-7N-13W, 330' SL, 330' WL, NW. Marathon Oil Co. #9-B Henry Unit, formerly Ohio Oil Co., #11 S. J. Henry a/c 1. 1015'. 2-24-78. (Water input, formerly a producer.) Main Consol.

22-7N-13W, 27' SL, 27' WL, NW. Marathon Oil Co. #9-A Henry Unit, formerly Ohio Oil Co., #17-N S. J. Henry a/c 1. 1015'. 2-27-77. (Producer formerly a water input.) Main Consol.

22-7N-13W, 330' SL, 330' WL, NW NW. Marathon Oil Co. #1-D Henry Unit, formerly Ohio Oil Co., #13 W. K. Henry a/c 1. 1013'. 3-2-78. (Water input, formerly a producer.) Main Consol.

## SALINE COUNTY

23-8S-5E, 330' NL, 330' EL, NW NE. Gentles Drilling Co. #1 Otto Henn. 4-10-78. Harco.

## WABASH COUNTY

Irr. 21-1N-12W, 1410' SL, 330' WL, SW. Francis L. Beard #2 E. E. King et al. formerly G. W. Miller Drilling Co. 2307'. 4-14-78. (Water input, formerly a producer.) Allendale.

9-2S-13W, 180' SL, 710' EL, SW. T. W. George #1 Howell Heirs, formerly P. T. Word. 2461'. 4-21-78. (Salt water disposal formerly, a producer.). New Harmony Consol.

## WASHINGTON COUNTY

Irr. 19-2S-3W, 330' NL, 330' WL, SW SE. Black & Black Oil Co. & Perry Fulk #1-A Stieg. 2667'. 4-18-78. Nashville.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Circ. 453. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).



## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	



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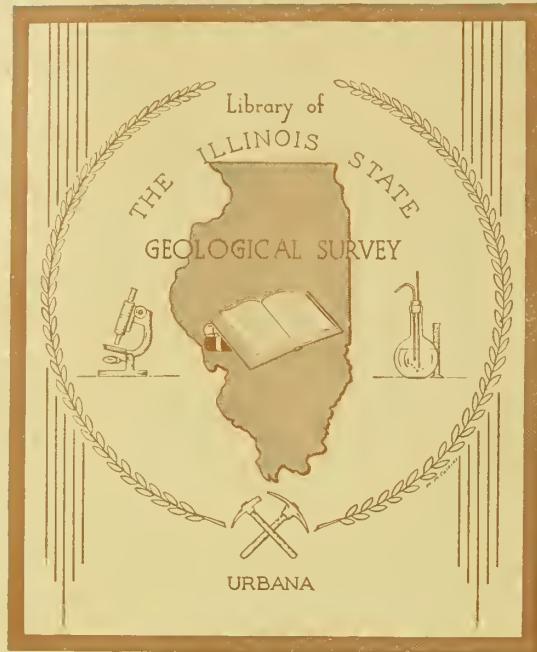
ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

O I L A N D G A S D R I L L I N G  
I N I L L I N O I S

Jacob Van Den Berg



## DISCOVERIES

### New Fields

NORRIS CITY WEST. White County, 30-6S-8E, Ullin at 4190'.  
Discovery well, Reynolds & Vincent, Inc. #1 Mary Britton Comm.,  
(OWDD, was D&A) IP 38 BOP.

### New Pay Zones in Fields

DALE CONSOLIDATED. Hamilton County, 21-6S-7E, Ullin at 4158'.  
Discovery well, Ernest Sherman #1 W. E. Hunt et al Unit, IP 20 BOP.

### Extensions to Fields

DALE CONSOLIDATED. Hamilton County, 21-6S-7E, Ullin at 4158'.  
Discovery well, Ernest Sherman #1 W. E. Hunt et al Unit, IP 20 BOP.

### Field Consolidations

Maple Grove South and Samsville West fields, Edwards County, have been consolidated. The name of the consolidated field is Maple Grove South Consolidated.

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## TABLE I

New Pools Discovered from June 1977 through May 1978

Pool: County	Twp. Rng.	Pool: County	Twp.	Rng.
<u>June 1977</u>		<u>December</u>		
None		Spring Garden Jefferson County	4S	3E
<u>July</u>		<u>January 1978</u>		
None		None		
<u>August</u>		<u>February</u>		
None		None		
<u>September</u>		<u>March</u>		
Cooperstown (gas) Brown County	1S 2W	Wayne City Wayne County	2S	6E
<u>October</u>		<u>April</u>		
None		None		
<u>November</u>		<u>May</u>		
Holliday Fayette County	9N 3E	Norris City West White County	6S	8E
Illiopolis Sangamon County	16N 2W			

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TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in		
	Field Wells	Discoveries		Newly Drilled	Reworked Dry Holes	Field Wells	Wildcat	Total New Tests	Thousands of Barrels
		Field	Ext.	Holes	Holes	Near	Far		
<u>1977</u>									
Jan.	41(1)	0	0	37	4(1)	16	2	3	58
Feb.	33	0	1	34	0	8	3	1	46
Mar.	48(1)	0	1	42(1)	7	17	6	3	69
Apr.	50(1)	0	1	46(1)	5	11	3	5	66
May	59(1)	0	0	54(1)	5	21	10	0	86
June	58(3)	0	1	54(3)	5	32	12	7	103
July	40(1)	0	1(2)	39(3)	2	26	13	3	84
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103
Oct.	53	0	2	46	9	36	9	5	96
Nov.	60(3)	2	2	61(3)	3	27	12	5	108
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036
									25,609
<u>1978</u>									
Jan.	38	0	1	38	1	7	1	2	48
Feb.	55(1)	0	0	52(1)	3	29	9	3	94
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63
Apr.	25	0	2	23	4	7	2	2	34
May	18	1	1	19	1	32	8	6	65

Tests are considered field wells if located less than  $1\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through March 1978 are from reports received directly from crude gathering companies. The figure for April and May 1978 are estimated.

TABLE III  
Drilling by Counties, Oil and Gas, May 1978

County	Permits to Drill*	Total Comp.	Production Tests			D&A to Prod.	Service Wells			Struc- ture Tests	
			New Holes		CWWO		Conversions				
			Prod.	D&A	New		Were Prod.	Others			
Bond	-	1	-	1	-	-	-	-	-	-	
Brown	2	1	-	1	-	-	-	-	-	-	
Champaign	-	2	-	2	-	-	-	-	-	-	
Clark	7	2	1	-	-	-	1	-	-	-	
Clay	16	5	1	3	-	-	-	1	-	-	
Clinton	3	-	-	-	-	-	-	-	-	-	
Crawford	19	5	2	2	-	-	-	1	-	-	
Edwards	3	4	-	3	-	-	-	-	1	-	
Effingham	1	-	-	-	-	-	-	-	-	-	
Fayette	1	2	-	2	-	-	-	-	-	-	
Franklin	1	1	-	-	-	-	-	1	-	-	
Gallatin	2	-	-	-	-	-	-	-	-	-	
Hamilton	3	1	1	-	-	-	-	-	-	-	
Jasper	2	1	-	1	-	-	-	-	-	-	
Jefferson	6	6	1	5	-	-	-	-	-	-	
Lawrence	6	3	2	1	-	-	-	-	-	-	
McDonough	1	-	-	-	-	-	-	-	-	-	
Macon	1	3	1	2	-	-	-	-	-	-	
Macoupin	4	-	-	-	-	-	-	-	-	-	
Madison	-	1	-	1	-	-	-	-	-	-	
Marion	2	-	-	-	-	-	-	-	-	-	
Monroe	3	-	-	-	-	-	-	-	-	-	
Perry	2	-	-	-	-	-	-	-	-	-	
Randolph	1	-	-	-	-	-	-	-	-	-	
Richland	2	2	-	1	-	-	-	1	-	-	
St. Clair	-	1	-	1	-	-	-	-	-	-	
Sangamon	4	4	-	4	-	-	-	-	-	-	
Wabash	11	9	5	3	-	-	1	-	-	-	
Washington	1	3	2	1	-	-	-	-	-	-	
Wayne	15	5	-	5	-	-	-	-	-	-	
White	46	14	3	7	1	1	2	-	-	-	
Williamson	2	-	-	-	-	-	-	-	-	-	
	167	76	19	46	1	3	6	1	-	-	

\*Issued by Department of Mines and Minerals, Springfield, Illinois, April 28, 1978 through May 25, 1978.

TABLE IV  
Drilling by Counties, Natural Gas Storage, May 1978

County	Permits to drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	1	-	-	-	-	-
Henderson	-	1	-	-	1	-
Livingston	4	-	-	-	-	-
McLean	3	-	-	-	-	-
	8	1	-	-	1	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, April 28, 1978 through May 25, 1978.

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

## OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

## BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

## OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

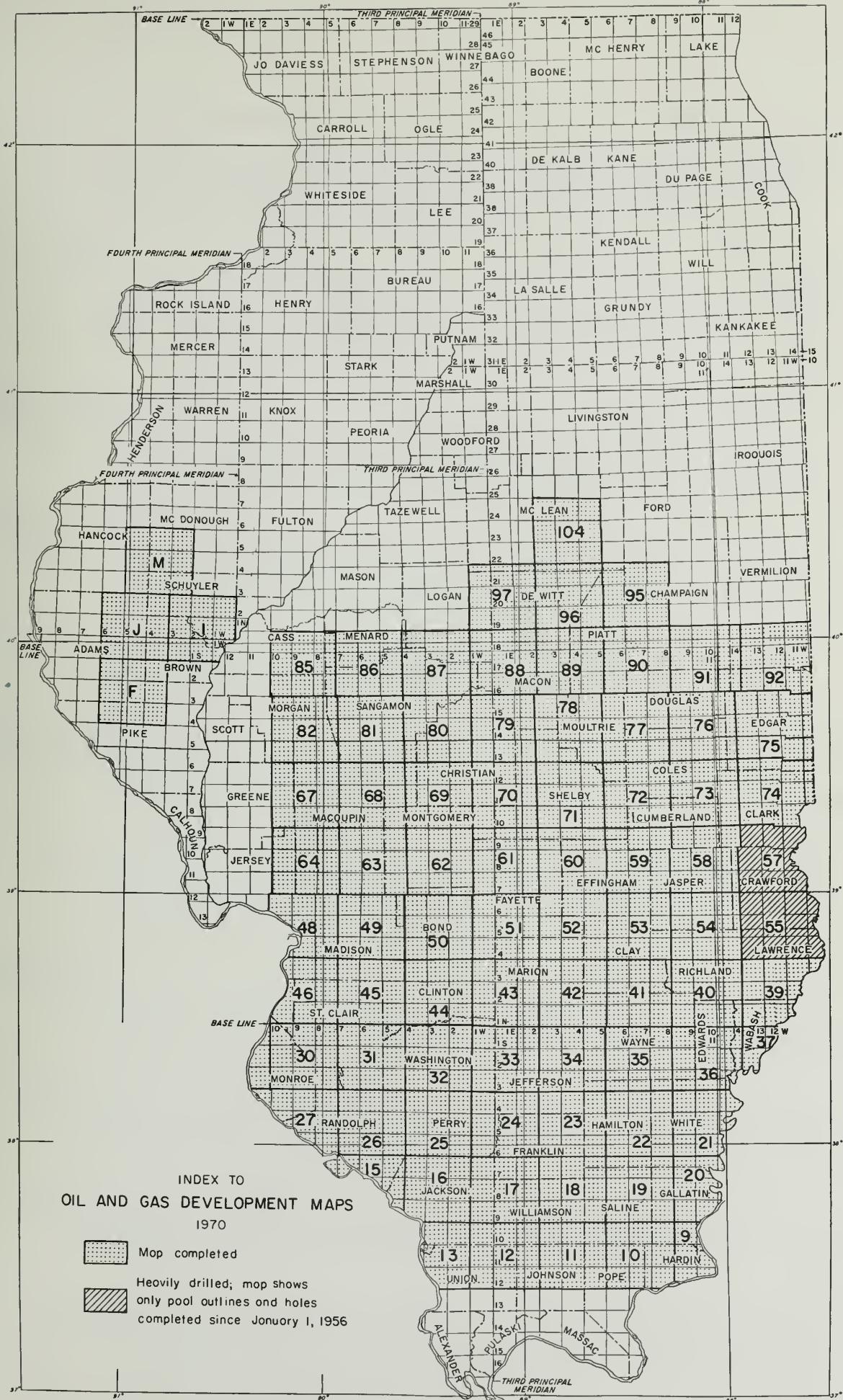
## OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) show field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)





## WELLS COMPLETED FROM APRIL 29, 1978 TO MAY 26, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

6N, 2W

16, SE NE NE. Shakespeare Oil Co., Inc., #1 L. Foppe. Spd. 7-7-77.  
 Comp. 5-2-78. TD 3290'. Temp. abd. Trenton, top 3200'.  
 Woburn Consol.

BROWN COUNTY

1S, 4W

33, NW NW NE. Claude McElvain #2-M McNeff. Spd. 12-29-77. Comp.  
 4-21-78. TD 670'. D&A. Silurian, top 642'. WN - Buckhorn.

CHAMPAIGN COUNTY

17N, 9E

33, SE SE SW. John Philip Beatty #1 M. Bozdech. Spd. 4-28-78.  
 Comp. 5-10-78. TD 550'. D&A. Devonian, top 530' (approx.). WF.

17N, 10E

9, 330' SL, 430' WL, SW. John Philip Beatty #1 Riggs. Spd. 4-19-78.  
 Comp. 4-25-78. TD 500'. D&A. Pennsylvanian, top 93'. WF.

CLARK COUNTY

12N, 14W

32, 660' SL, 560' EL, NW. Warren Petroleum Co. #A-W.I. Arthur Honn.  
 Spd. 3-24-78. Comp. 4-5-78. TD 457'. Water input. Pennsylvanian,  
 top 410'. Westfield.

33, C W/2 SW SW. Kinst-Kovas Oil Producers #3 Katie Mitchell. Spd.  
 7-20-76. Comp. 9-10-76. TD 370'. IP. 11 BOP/2 BW. St. Louis,  
 top 327', Shot. Westfield.

CLAY COUNTY

2N, 5E

12, SW NW NW, Charles G. Bryson #1 Kapp. Spd. 4-24-78. Comp. 5-2-78.  
 TD 2975'. D&A. Ste. Genevieve, top 2830' (approx.). Xenia East.

5N, 6E

1, NE SW NE. Black & Black Oil Co. #1-B L. Heitman. Spd. 1-11-78.  
 Comp. 5-12-78. TD 3371'. IP 13 BOP/40 BW. Aux Vases, top 2726',  
 Frac. Sailor Springs Consol.

5N, 6E

33, SE NW SE, K Oil, Inc. #1 Glenn Frye. Spd. 5-11-78. Comp. 5-17-78.  
 TD 2830'. D&A. Ste. Genevieve, top 2777'. Hord South Consol.

5N, 7E

22, NW SE SE. Don W. Newton #2 Vickery Heirs. Conversion. Was Floyd  
 Johnson #2 Vickery Hrs. Was McClosky producer. OTD 2975'. Comp.  
 6-2-59. Recomp. 4-26-73. COTD 2975'. SWD. McClosky, top  
 2956'. Sailor Springs Consol.

CLAY COUNTY (Continued)

5N, 7E

26, NW NE NE. Frank Vonderheide #2 W. Workman. Spd. 5-3-78. Comp. 5-10-78. TD 2932'. D&A. Ste. Genevieve, top 2835' (approx.).  
Sailor Springs Consol.

CRAWFORD COUNTY

5N, 12W

Irr. 4, 330' SL, 330' WL, NW. Louis H. Kapp, Jr. #1 Earnhart. Spd. 5-1-78. Comp. 5-3-78. TD 1029'. D&A. Robinson, top 917'. Main Consol.

5N, 12W

16, 330' NL, 351' EL, NW NE. Lawrence Oil Co. #1 W. W. Allison. Conversion. Was the Ohio Oil Co. #1 W. W. Allison. Was Bethel and Aux Vases producer. OTD 1585'. Comp. 12-7-54. Recomp. 4-13-76. COTD 1520'. SWD. Bethel, top 1482'. Main Consol.

6N, 11W

29, NE NE NW. Tohill & Rinsch #2 Charles O. Todd. Spd. 7-10-77. Comp. 4-11-78. TD 991'. IP 1 BOP. Pennsylvanian, top 927'. Main Consol.

6N, 12W

31, SW NE NW. Used Oil Field Equipment #1 Frost-Chronic. Spd. 11-15-76. Comp. 4-13-78. TD 1447'. D&A. Ste. Genevieve, top 1437'. Main Consol.

7N, 13W

23, NE NE SE. Centennial Energy #1 Marlin Hill. Spd. 1-4-78. Comp. 5-2-78. TD 1038'. IP 2 BOP/TR VTR. Robinson, top 916', Shot. Main Consol.

EDWARDS COUNTY

2S, 10E

12, NW NE NW. Saber Oil Const. & Co. #1 Branch Comm. Spd. 5-3-78. Comp. 5-10-78. TD 3990'. D&A. Salem, top 3750' (approx.). Albion Consol.

19, C N/2 SW NE. Black Hawk Resources Corp. #53X-19 Charlie Woods. Spd. 5-11-78. Comp. 5-20-78. TD 4050'. D&A. Salem, top 3790' (approx.). Goldengate Consol.

2S, 14W

28, SE NE NW. John M. Zanetis #4-W Garner. Conversion. Was D&A, temp. abd. OTD 3091'. Comp. 3-11-73. Recomp. 5-16-78 (est.). COTD 3064'. Water input. Bethel, top 2862'. Albion East.

3S, 10E

3, 330' NL, 760' WL, SW. Van Fossan Oil Assoc. Harold Perkins #1. Spd. 4-13-78. Comp. 4-21-78. TD 3398'. D&A. McClosky, top 3387'. WN-Albion West.

FAYETTE COUNTY

8N, 3E

16, 330' SL, 330' EL, SW NE NW. James A. Southerland #1 D. B. Lilly. Spd. 1-11-73. Comp. 1-23-73. TD 3227'. D&A. Devonian, top 3075'. Louden.

FAYETTE COUNTY (Continued)

9N, 3E

25, SE SW SE. Carl M. Luburtt #1 Wills. Spd. 5-3-78. Comp. 5-6-78.  
TD 1800'. D&A. Ste. Genevieve, top 1765' (approx.). Louden.

FRANKLIN COUNTY

6S, 2E

25, 994' NL, 489' WL, NW. Shell Oil Co. #153W Benton Flood Unit. Conversion.  
Was J. W. Menhall #2 Moseley. Was Tar Springs Producer. Comp.  
4-2-77 (est.). COTD 2130'. Water input. Tar Springs, top 2110'.  
Benton.

HAMILTON COUNTY

6S, 7E

21, SE SE SE. Ernest Sherman #1 W. E. Hunt et al. Unit. Spd. 2-22-78.  
Comp. 4-25-78. TD 4180'. IP 20 BOP. Ullin, top 4158'. Dale Consol.  
EXTENSION TO DALE CONSOL. NEW PAY IN FIELD.

HENDERSON COUNTY

9N, 4W

7, 175' NL, 50' WL, SE NW. Northern Illinois Gas Co. #4 L. Oliver. Spd.  
7-14-73 (est.). Comp. 5-15-78. TD 570'. Water Observation. Eau  
Claire, top Not available.

JASPER COUNTY

8N, 9E

29, SW SE NW. Hubco, Inc. #3 Groves. Spd. 8-1-77. Comp. 8-8-77. TD 2899'.  
D&A. Ste. Genevieve, top 2823'. Gila.

JEFFERSON COUNTY

1S, 2E

Irr. 31, 330' NL, 330' EL, SE NE. Richard W. Beeson #1 Braden-Todd Unit.  
Spd. 4-16-78. Comp. 5-4-78. TD 5291'. D&A. Platteville, top 5140'.  
WN-Boyd.

1S, 4E

14, SW SW SE. Joe A. Duli #1 Ruth Holloway. Spd. 8-14-77. Comp. 4-18-78.  
TD 3530'. IP 6 BOP/23 BW. Salem, top 3234', MCA. Coil West.

27, NW NW NW. Farmers Petroleum Coop., Inc. #1 Ward. Spd. 5-4-78. Comp.  
5-21-78. TD 3440'. D&A. Salem, top 3190' (approx.). Divide Consol.

4S, 3E

11, SW NW SE. C. E. Brehm Drdg. & Prod. #2 Adams Comm. Spd. 4-25-78.  
Comp. 5-1-78. TD 3140'. D&A. Ste. Genevieve, top 2980' (approx.).  
WN-Spring Garden.

13, SW SE NE. C. E. Brehm Drdg. & Prod. #1 Crawford Comm. Spd. 5-11-78.  
Comp. 5-17-78. TD 3160'. D&A. Ste. Genevieve, top 3010' (approx.).  
WN-Spring Garden.

14, SW SE NW. C. E. Brehm Drdg. & Prod. #1 Wyatt. Spd. 2-26-78. Comp.  
3-5-78. TD 3144'. D&A. Ste. Genevieve, top 2990' (approx.).  
WN-Spring Garden.

LAWRENCE COUNTY

3N, 12W

2, NE NW NE. Charles Zanetis #4-A D. R. Fish. Spd. 5-10-77. Comp. 5-2-78. TD 1430'. IP 14 BOP/SOME WTR. Pennsylvanian, top 1406'. MCA Lawrence.

15, NE NW SE. Charles Zanetis #4-A Clay Seed Unit. Spd. 5-30-77. Comp. 5-2-78. TD 1580'. IP 12 BOP. Pennsylvanian, top 1295'. Lawrence.

3N, 13W

24, NE SW NW. Reinhold Oil Producers #1 Neal. Spd. 11-9-76. Comp. 1-17-77. TD 2320'. D&A. Spar Mt, top 2135'. Lawrence West.

MACON COUNTY

16N, 1W

25, NE NE NE. Texas Pacific Oil Co., Inc. #1 Herman Miller. Spd. 6-9-77. Comp. 6-20-77. TD 2220'. D&A. Maquoketa, top 2166'. WF.

17N, 2E

23, SE SE NW. Triple "G" Oil Co., Ltd. #3 Hockaday Comm. Spd. 3-10-78. Comp. 4-16-78. TD 2144'. D&A. Silurian, top 2115'. Forsyth.

23, NE SW NE. Triple "G" Oil Co., Ltd. #2 Nola Mae Hockaday. Spd. 10-13-77. Comp. 4-12-78. TD 2168'. IP 70 BOP. Silurian, top 2115'. Forsyth.

MADISON COUNTY

6N, 6W

Irr. 30, 415' NL, 985' EL, NE. Joseph Foucek #23 Albrecht. Spd. 12-26-77. Comp. 1-6-78. TD 578'. D&A. Pennsylvanian, top 550' (approx.). Livingston.

MONROE COUNTY

1S, 10W

35, NW NE SW. John W. Kelly #10 Theobald. Abd. Location. Waterloo.

35, NE NE SW. John W. Kelly #11 Theobald. Abd. Location. Waterloo.

35, NW NW SE. John W. Kelly #12 Theobald. Abd. Location. Waterloo.

2S, 10W

11, SW NW SE. John W. Kelly #6 Schuler. Abd. Location. Waterloo.

11, SE NW SE. John W. Kelly #7 Schuler. Abd. Location. Waterloo.

RICHLAND COUNTY

3N, 10E

33, NE NE NW. Bellair Oil Co. #1 Koertge Cons. Conversion. Was Pure Oil Co. & Ohio Oil Co. #1 Koertge Consol. Was McClosky producer. OTD 3280'. Comp. 1-2-45. Recomp. 4-9-76. COTD 2650'. SWD. Cypress, top 2558'. Calhoun North.

4N, 10E

10, NW NE SE. J. E. Brown #2 R. Graves. Spd. 4-6-78. Comp. 4-16-78. TD 3113'. D&A. McClosky, top 3072'. Olney Consol.

ST. CLAIR COUNTY

1N, 6W

2, C S/2 NW SE. Eason Oil Co. #1 Berberich. Spd. 4-7-78. Comp. 4-15-78.  
TD 2800'. D&A. Trenton, top 2711'. WF.

SANGAMON COUNTY

14N, 3W

Irr. 6, 660'NL,330'EL,NW SE. Hale Resources & Energy Co. #1-A Ross Fairchild. Spd. 2-3-76. Comp. 5-2-78. TD 1738'. Temp. abd. Silurian, top 1717'. Edinburg West.

16N, 2W

30, SE SE NE. John Carey Oil Co., Inc. #1 Etherton Comm. Spd. 4-17-78. Comp. 4-21-78. TD 1828'. D&A. Silurian, top 1770' (approx.). WF.

30, SE SW SE. John Carey Oil Co., Inc. #1 Hampton. Spd. 5-2-78. Comp. 5-5-78. TD 1801'. D&A. Silurian, top 1749'. WF.

16N, 3W

22, NW NE SE. Jesse Werner #1 Boys Farm. Spd. 4-13-78. Comp. 4-18-78.  
TD 1800'. D&A. Silurian, top 1727'. WN-Mechanicsborg.

WABASH COUNTY

1N, 12W

Irr. 19, 330'SL,330'EL,SW. Higgins Oil Co. #1 Frick Heirs. Spd. 5-12-78. Comp. 5-15-78. TD 1650'. D&A. Biehl, top 1600' (approx.). Allendale.

24, SW NW NE. Whiteside Oil Co. #3 John Marcotte. Spd. 7-17-77. Comp. 4-25-78. TD 1495'. Oil producer, IP not available. Biehl, top 1468'. Allendale.

28, 1520'NL,660'EL,SE. Gilbert A. Higgins #3-WI Robert Baumgart. Spd. 4-5-78. Comp. 5-9-78. TD 2373'. Water input. Aux Vases, top 2331'. Allendale.

28, SE SW NW. Gilbert A. Higgins #2 Rudy Christy. Spd. 4-10-78. Comp. 5-13-78. TD 2310'. IP 8 BOP/5 BW. Aux Vases, top 2273', Frac. Allendale.

28, 330'NL,405'WL,SE SW. Gilbert A. Higgins #4 Rudy Christy. Spd. 4-3-78. Comp. 5-5-78. TD 2323'. IP 20 BOP. Cypress, top 2003'; Bethel, top 2095', Frac. Allendale.

Irr. 30, 420'SL,330'EL,NE NW. Higgins Oil Co. #2 Price-Liddle-Frick Comm. Spd. 4-29-78. Comp. 5-14-78. TD 1651'. IP 16 BOP. Biehl, top 1566', Nat. Allendale.

Irr. 30, 330'SL,330'WL,NE NW. Higgins Oil Co. #3 Price-Liddle-Frick Comm. Spd. 5-3-78. Comp. 5-6-78. TD 1650'. D&A. Biehl, top 1610' (approx.). Allendale.

Irr. 30, 330'NL,330'WL,NE NW. Higgins Oil Co. #4 Price-Liddle-Frick Comm. Spd. 5-7-78. Comp. 5-11-78. TD 1650'. D&A. Biehl, top 1615' (approx.). Allendale.

WABASH COUNTY (Continued)

1N, 12W

Irr. 30, 330'NL,330'WL,NE. Higgins Oil Co. #1 William Trapp. Spd. 4-24-78. Comp. 5-7-78. TD 1649'. IP 18 BOP. Biehl, top 1578', Acid. Allendale.

2S, 14W

23, NW SW NW. Kendra Corporation #1 T. V. Moreland. OWNO-OWDD. Was N. V. Duncan #1 M. Wirth. Was D&A. OTD 3063'. Comp. 4-13-43. Recomp. 5-2-78. DTD 3606'. D&A. Salem, top 3350'. New Harmony Consol.

WASHINGTON COUNTY

2S, 1W

15, 330'NL,450'WL,NE NW. Elmer Oelze, Jr. #1 Nadolski. Spd. 9-1-77. Comp. 3-5-78. TD 1510'. IP  $\frac{1}{2}$  BOP/9 BW. Cypress, top 1504', Frac. Richview.

2S, 3W

Irr. 19, 430'NL,330'WL,SE SE. Elmer Oelze, Jr. #1 Green Heirs. Spd. 10-12-77. Comp. 3-10-78. TD 2670'. IP 64 BOP/10 BW. Silurian, Top 2548', Frac. Nashville.

3S, 2W

12, 430'NL,330'EL,SE SW. Independent Oil Co. #1 Wisniewski. Spd. 5-5-78. Comp. 5-8-78. TD 1365'. D&A. Benoist, top 1345' (approx.). DuBois Consol.

WAYNE COUNTY

1N, 9E

32, NE NE SW. Van Fossan Oil Assoc. #1 James Bunting. OWNO-OWDD. Was J. W. Rudy #1 J. H. Bunting. Was D&A. OTD 3355'. Comp. 5-15-51. Recomp. 5-10-78. DTD 4080'. D&A. Ullin, top 4060' (approx.). Locust Grove.

1S, 6E

15, NW SE SW. Wagner Oil and Gas #1 June Bailey. Spd. 4-28-78. Comp. 5-5-78. TD 4160'. D&A. Ullin, top 3900' (approx.). Johnsonville South.

17, 330'SL,945'WL,NE. Wagner Oil and Gas #1 Lewis Manahan. Spd. 4-6-78. Comp. 4-19-78. TD 4022'. D&A. Ullin, top 3924'. Johnsonville C.

1S, 7E

5, NE SE SE. Dae V. Love #1 Glen Dale Byars. Spd. 4-26-78. Comp. 5-8-78. TD 3955'. D&A. Salem, top 3640' (approx.). Clay City Consol.

2S, 7E

3, SE NW SE. Van Fossan Oil Associates #4 R. H. Carter. Spd. 4-10-78. Comp. 4-25-78. TD 3170'. Junked hole. Clay City Consol.

2S, 8E

17, 330'SL,520'EL,NE NW. John T. Mitchell #1 Zurliene. Spd. 5-10-78. Comp. 5-17-78. TD 3420'. D&A. St. Louis, top 3400'. Clay City Consol.

WHITE COUNTY

3S, 9E

29, SW NE NW. Eugene E. Morris #1 Louis Pollard. Spd. 5-4-78. Comp. 5-14-78. TD 3950'. D&A. Salem, top 3800' (approx.). Goldengate Consol.

4S, 8E

33, SW SE SW. Illini Drilling Co. #1 Donald Poore. Spd. 5-6-78. Comp. 5-13-78. TD 3364'. D&A. Aux Vases, top 3330' (approx.). Springerton South.

34, SW NW NW. RK Petroleum Corp. #1 Continental Bank. Abd. location. Springerton South.

4S, 9E

13, NW NW NE. James F. Abercrombie #1 C. Barbre et al. Spd. 7-25-77. Comp. 8-10-77. TD 4350'. D&A. Ullin, top 4090'. Centerville East.

4S, 10E

35, SW NE SW. Mike Beeler Oil Co. #2 Given SWD. Conversion. Was Aux Vases producer. Comp. 5-3-78. COTD 3004'. Water input. Aux Vases, top 2985'. Phillipstown Consol.

4S, 11E

Irr. 31, 622'NL,1511'EL S/2. Barger Engineering #W-14 E. Spencer. Spd. 8-21-76. Comp. 11-15-76. TD 3116'. Water input. Tar Springs, top 2313'. Phillipstown Consol.

Irr. 31, 1332'SL,2118'WL,SW. Barger Engineering, Inc. #W-15 E. Spencer. Spd. 7-28-76. Comp. 9-10-76. TD 3128'. IP 57 BOP/37 BW. Aux Vases, top 2939', Frac. Phillipstown Consol.

5S, 8E

4, NW SW NE. RK Petroleum Corp. #2 Earl Mobley. Spd. 5-4-78. Comp. 5-9-78. TD 3500'. D&A. McClosky, top 3475'. Enfield North.

4, NW SE SE. RK Petroleum Corp. #2 Edith & Eva Ramsey. Abd. location. Enfield North.

Irr. 7, 330'SL,330'EL,SE. C. E. Brehm Drlg. & Prod. #1 Biggerstaff Comm. Spd. 5-10-77. Comp. 5-25-77. TD 4380'. D&A. Ullin, top 4166'. Enfield.

9, NE NW NW. RK Petroleum Corp. #3 Lucille Berberich. Abd. location. Enfield North.

17, NE SW SW. Pricefields Oil Inc. #1 Lawrence Dolan. Spd. 5-4-78. Comp. 5-13-78. TD 4400'. D&A. Ullin, top 4155'. WN-Enfield.

6S, 8E

30, NE NW SW. Reynolds & Vincent, Inc. #1 Mary Britton Comm. OWJO & OWDD. Was D&A. OTD 3321'. Comp. 9-28-76. Recomp. 4-18-78. DTD 4460'. IP 38 BOP. Ullin, top 4190', Acid. Norris City West. DISCOVERY OF NORRIS CITY WEST.

WHITE COUNTY (Continued)

6S, 9E

8, SE SW SW, A. L. Koker #1 Viola Atchley Estate. Spd. 5-4-78. Comp. 5-10-78. TD 2949'. D&A. Aux Vases, top 2940' (approx.). Roland Consol.

7S, 8E

Irr. 3, 630'NL,330'EL,SE. William R. & Phyllis Becker #1 Bryant and Price. Spd. 1-10-78. Comp. 3-29-78. TD 3200'. EP 9 BOP. Paint Creek, top 2764', Frac; Bethel, top 2834', Frac; Aux Vases, top 2946', MCA, Acid & Frac. Roland Consol.

7S, 9E

3, NW SW NE. C. E. Brehm Drlg. & Prod. #1 S. V. Bayley. Conversion. Was Aux Vases producer. Comp. 6-1-77. COTD 2972'. Water input. Aux Vases, top 2956'. Herald Consol.

7S, 11E

19, SW SE SW. C. E. Brehm Drlg. & Prod. #5 G. Boetticher. Spd. 5-9-77. Comp. 6-9-77 (est.). TD 2207'. IP 80 BOP/0 BW. Tar Springs, top 2095', Nat. New Haven Consol.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH MAY 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CLAY COUNTY

2N-2N-5E, SE SW NE. Caesar J. Casolari #2 Charles Pickering et al., formerly National Assoc. Petro. Co. #1 Jennie Dayton et al. 2981'. 4-4-78.  
Kenner South.

2-2N-5E, SW SW NE. David N. Claypool #1 Charles Pickering et al. 2976'. 4-7-78. Kenner South.

2-2N-7E, 330' SL, 330' EL, SW SE. John M. Zanetis #2-A A. Baylor. 3690'. 4-26-78. Clay City Consol.

13-2N-7E, 330' SL, 660' EL, SE NE. Hagen Oil Co. #1 V. Ullom. 3700'. 4-28-78. Clay City Consol.

9-3N-7E, SW NW SE. W. C. McBride, Inc. #4 Willis Dehart. 2984'. 5-11-78. Sailor Springs Consol.

9-3N-7E, NW NW SE. W. C. McBride, Inc. #5 Willis Dehart. 2996'. 4-28-78. Sailor Springs Consol.

9-3N-7E, NE NW SE. W. C. McBride Inc. #6 Willis Dehart. 2984'. 4-17-78. Sailor Springs Consol.

9-3N-7E, NE NE SE. W. C. McBride, Inc. #7 Willis Dehart. 2625'. 4-18-78. (Water input, formerly a producer.) Sailor Springs Consol.

9-3N-7E, SE NW SE. W. C. McBride Inc. #8 Willis Dehart. 2638'. 4-13-78. (Water input, formerly a producer.) Sailor Springs Consol.

Irr. 19-4N-8E, 330' SL, 330' WL, NW. McKinney Oil Production, Inc. #1 Dale Stanley. 3007'. 5-13-78. Sailor Springs North.

## FAYETTE COUNTY

10-8N-3E, SE NE NW. Carter Oil Co. #2 J. W. Lancaster. 1555'. 5-2-78.  
Louden.

## JEFFERSON COUNTY

13-1S-3E, 330' NL, 660' EL, SW NW. David F. Herley #1 P. McGinley. 3252'. 5-5-78. Divide Consol.

## MARION COUNTY

22-2N-3E, NE SE NW. David F. Herley #1 Austin. 2644'. 5-2-78. Bannister.

## WABASH COUNTY

14-3S-14W, NW SW SE. W. W. Gray #A-14 W. W. Gray. 2542'. 5-1-78. New Harmony Consol.

## WAYNE COUNTY

17-1S-6E, 330' SL, 345' WL, NW SE. Chris Pearson #1-A L. A. Manahan. 3193'. 5-17-78. Johnsonville Consol.

17-1S-6E, SE NW SE. John T. Mitchell #2 Lewis Manahan, formerly Chris Pearson. 3182'. 5-15-78. (Salt Water Disposal, formerly a producer.) Jonsonville Consol.

17-1S-6E, 660' SL, 660' EL, SE. Chris Pearson #1 O'Neill. 3181'. 5-11-78. Johnsonville Consol.

21-1S-8E, NW SE NW. Tamarack Petro. Co. #E-6 O. H. Gray. 3344'. 5-2-78. (Water input, formerly a producer.) Clay City Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Circ. 453. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).

## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	



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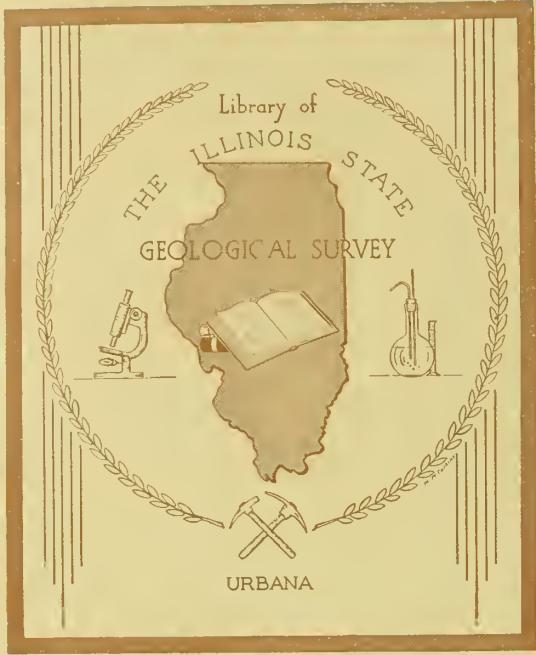
ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61301

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



DISCOVERIES

New Fields

None

New Pay Zones in Fields

None

Extensions to Fields

MAYBERRY. Wayne County, 5-3S-6E, McClosky at 3375'.

Discovery well, Comanche Oil Corp. 1 Simpson, IP 240 BOP.

ROBY EAST. Sangamon County, 30-16N-2W, Silurian at 1760'.

Discovery well, John Carey Oil Co., Inc. 1 Hampton, IP 50 BOP.

ILLINOIS STATE  
GEOLOGICAL SURVEY  
LIBRARY

TABLE I  
New Pools Discovered from July 1977 through June 1978

Pool: County	Twp. Rng.	Pool: County	Twp.	Rng.
<u>July 1977</u>		<u>January 1978</u>		
None		None		
<u>August</u>		<u>February</u>		
None		None		
<u>September</u>		<u>March</u>		
Cooperstown (gas) Brown County	1S 2W	Wayne City Wayne County	2S	6E
<u>October</u>		<u>April</u>		
None		None		
<u>November</u>		<u>May</u>		
Holliday Fayette County	9N 3E	Norris City West White County	6S	8E
Illiopolis Sangamon County	16N 2W	<u>June</u>		
		None		
<u>December</u>				
Spring Garden Jefferson County	4S 3E			

TABLE II

## COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in		
	Field Wells	Discoveries	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat	Total New Tests	Thousands of Barrels	
Field	Field Ext.			Near	Far				
<u>1977</u>									
Jan.	41(1)	0	0	37	4(1)	16	2	3	58
Feb.	33	0	1	34	0	8	3	1	46
Mar.	48(1)	0	1	42(1)	7	17	6	3	69
Apr.	50(1)	0	1	46(1)	5	11	3	5	66
May	59(1)	0	0	54(1)	5	21	10	0	86
June	58(3)	0	1	54(3)	5	32	12	7	103
July	40(1)	0	1(2)	39(3)	2	26	13	3	84
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103
Oct.	53	0	2	46	9	36	9	5	96
Nov.	60(3)	2	2	61(3)	3	27	12	5	108
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036
									25,609
<u>1978</u>									
Jan.	38	0	1	38	1	7	1	2	48
Feb.	55(1)	0	0	52(1)	3	29	9	3	94
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63
Apr.	25	0	2	23	4	7	2	2	34
May	18	1	2	20	1	32	8	5	65
June	44	0	2	42	4	43	11	9	105

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through April 1978 are from reports received directly from crude gathering companies. The figures for May and June 1978 are estimated.

TABLE III  
Drilling by Counties, Oil and Gas, June 1978

County	Permits to Drill <sup>o</sup>	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		D&A	to Prod.	New	Conversions		
			Prod.	D&A				Were Prod.	Others	
Brown	-	1	-	1	-	-	-	-	-	-
Christian	2	2	-	-	-	-	-	2	-	-
Clark	8	4	-	3	-	-	1	-	-	-
Clay	22	8	5	3	-	-	-	-	-	-
Clinton	1	6	1	1	-	-	-	3	-	1
Coles	2	1	-	1	-	-	-	-	-	-
Crawford	14	9	6	2	-	-	1	-	-	-
Edgar	3	1	-	1	-	-	-	-	-	-
Edwards	6	4	-	4	-	-	-	-	-	-
Effingham	3	5	-	1	-	-	-	4	-	-
Franklin	2	4	1	1	-	-	-	2	-	-
Gallatin	1	-	-	-	-	-	-	-	-	-
Hamilton	13	5	1	4	-	-	-	-	-	-
Jasper	6	1	-	1	-	-	-	-	-	-
Jefferson	8	6	2	4	-	-	-	-	-	-
Lawrence	6	5	-	5	-	-	-	-	-	-
Macon	2	2	2	-	-	-	-	-	-	-
Macoupin	1	4	-	4	-	-	-	-	-	-
Madison	2	4	-	-	-	-	1	2	1	-
Marion	4	1	-	-	-	-	-	1	-	-
Monroe	1	1	-	1	-	-	-	-	-	-
Montgomery	1	-	-	-	-	-	-	-	-	-
Ferry	-	1	-	1	-	-	-	-	-	-
Randolph	-	1	1	-	-	-	-	-	-	-
Richland	7	1	-	1	-	-	-	-	-	-
St. Clair	1	-	-	-	-	-	-	-	-	-
Saline	3	-	-	-	-	-	-	-	-	-
Sangamon	4	7	3	4	-	-	-	-	-	-
Wabash	14	7	3	2	1	-	-	1	-	-
Washington	1	-	-	-	-	-	-	-	-	-
Wayne	25	17	9	7	-	-	1	-	-	-
White	29	22	8	8	3	-	-	3	-	-
Williamson	1	-	-	-	-	-	-	-	-	-
	193	130	42	60	4	4	18	1	1	

\*Issued by Department of Mines and Minerals, Springfield, Illinois, May 26, 1978  
through June 29, 1978.

TABLE IV  
Drilling by Counties, Natural Gas Storage, June 1978\*

County	Permits to drill†	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	1	-	-	-	-	-

\*In addition to the item listed, 2 structure test permits were issued and 2 structure tests were drilled in Illinois in connection with gas storage.

†Issued by Department of Mines and Minerals, Springfield, Illinois, May 26, 1978 through June 29, 1978.

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

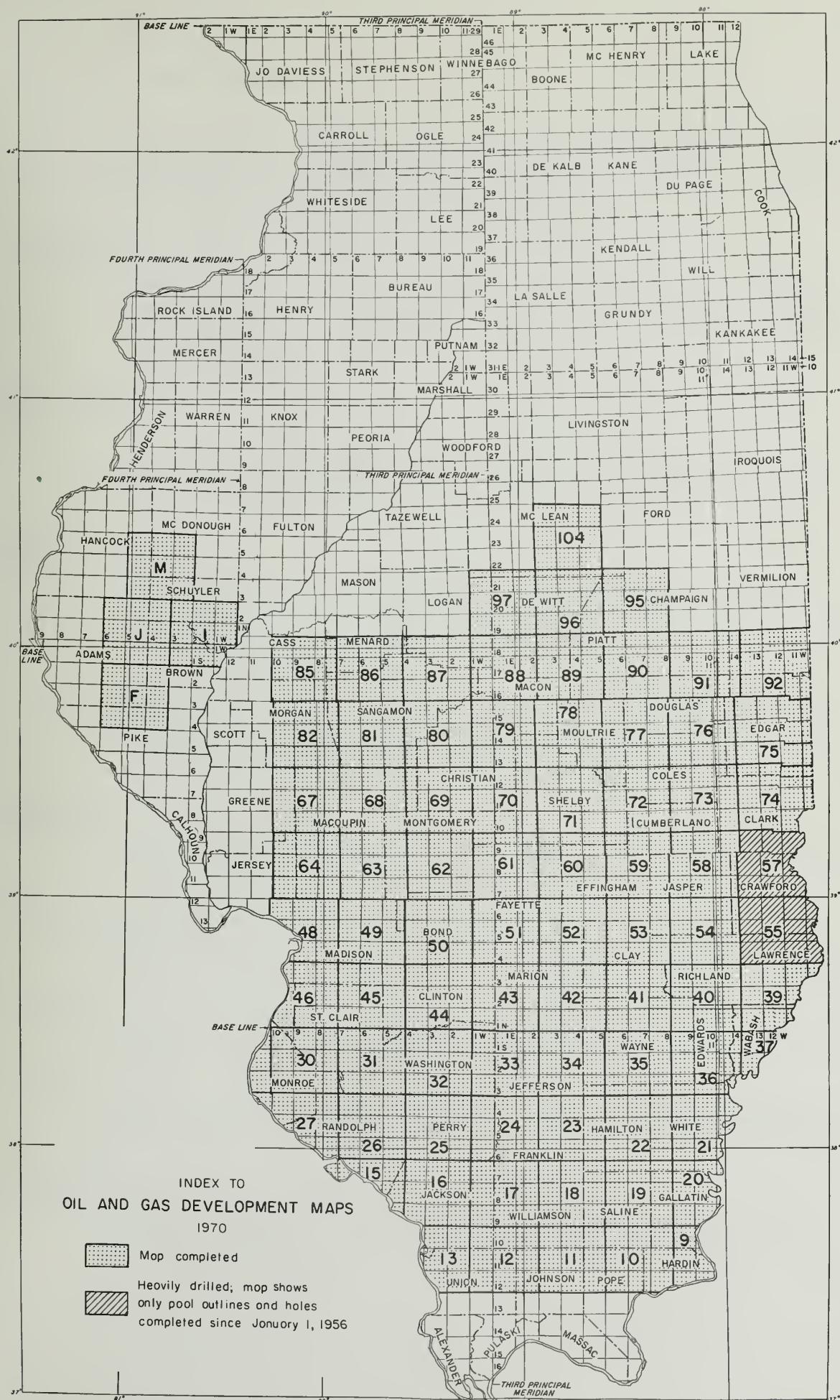
### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)



INDEX TO  
OIL AND GAS DEVELOPMENT MAPS  
1970

Mop completed

 Heavily drilled; mop shows only pool outlines and holes completed since January 1, 1956



## WELLS COMPLETED FROM MAY 27, 1978 TO JUNE 30, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

7N, 2W

33, NE SW SE. Homeier Oil Enterprises, Inc. #2 Harry Durr. CWNO.  
Was R. H. Troop. Was Devonian Prod. OTD 2300'. Comp. 5-17-55.  
Recomp. 5-77. COTD 2300'. IP 10 BOP. Devonian, top 2291'  
Woburn Consol.

BROWN COUNTY

1S, 4W

Irr. 30, 330'NL, 330'WL, SE. Darrell Parker #1 Parker. Spd. 3-5-78.  
Comp. 3-25-78. TD 686'. D&A. Maquoketa, top 668' (approx.).  
WN - Kellerville.

CHRISTIAN COUNTY

13N, 3W

9, 314'SL, 278'WL, NW SE. Joe Simpkins Oil Developments #4 Davis.  
Conversion. Was V S & S Oil Company #4 Davis Heirs. Was Devonian  
producer. Comp. 4-18-78. COTD 1820'. Water input.  
Devonian, top 1798'. Kincaid Consol.

10, 350'SL, 480'EL, SW. Joe Simpkins Oil Developments #2 Peabody.  
Conversion. Was Devonian Producer. Comp. 4-15-78. COTD 1849'.  
Water input. Devonian, top 1832'. Kincaid Consol.

CLARK COUNTY

10N, 11W

2, NE NE SW. Harry J. Adams #1 Berner. Spd. 6-7-78. Comp. 6-13-78.  
TD 2467'. D&A. Devonian, top 2270' (approx.). WF.

11N, 14W

4, C SE NW. Jack H. Mankin #2 Belva Turner WI. Spd. 5-31-78. Comp.  
6-9-78. TD 377'. Water input. Pennsylvanian, top 312'. Westfield.

12N, 14W

23, C NE NE. Earnest Zink #1 Redmon. Spd. 6-24-76. Comp. 5-9-78.  
TD 520'. D&A. Pennsylvanian, top 500'. Inclose.

34, SW SE NE. Harry J. Adams #1 Doyle & Margaret Connelly. Spd. 5-17-78.  
Comp. 5-25-78. TD 467'. D&A. St. Louis, top 401'. Westfield.

CLAY COUNTY

2N, 7E

14, SE SW SE. John M. Zanetis #2-C Shelton. Spd. 5-14-78. Comp.  
6-20-78. TD 3585'. IP 20BOP/80BW. McClosky, top 3068', MCA.  
Clay City Consol.

## CLAY COUNTY (continued)

2N, 8E

15, 661' SL, 990' WL, NW NW. Kenneth E. Beeman #1 McAllister. OWNO-Conversion. Was Pure Oil Company #2 "A" - J. T. McAllister. Was plugged McClosky producer. OTD 3095'. Comp. 1-4-39. Recomp. 4-27-77. COTD 2700'. SWD Tar Springs, Producer, Cypress, 3 BOP/40 BW. Tar Springs, top 2350' (est); Cypress, top 2636'. Clay City Consol. (In July, 1975 Drlg. Report this well was erroneously run as temp. abd.)

3N, 6E

12, SW SW SW. Shakespeare Oil Co., Inc. #1 R. D. Greenwood. OWNO-OWDD. Was Sanders & Fye #1 Greenwood. Was D&A. OTD 2996'. Comp. 7-29-52. Recomp. 5-25-78. DTD 3662'. D&A. Salem, top 3250' (approx.). Sailor Springs Consol.

35, NW SW NW. J. W. Rudy Co. #1 Pettit-Fatheree Comm. Spd. 6-3-78. Comp. 6-9-78. TD 3100'. D&A. Ste. Genevieve, top 3050' (approx.). WN - Sailor Springs Consol.

3N, 7E

14, NE NW NW. Booth Oil Co., Inc. #1 Cash Cons. Spd. 2-24-78. Comp. 5-16-78. TD 2642'. IP 10 BOP. Cypress, top 2630', Shot. Sailor Springs Consol.

3N, 8E

Irr. 5, 330' SL, 330' WL, NE SE. Hagen Oil Co. #1 Hagen Comm. Spd. 9-25-76. Comp. 5-16-78. TD 3621'. IP 20 BOP. McClosky, top 3005', Acid. Clay City Consol.

33, 720' NL, 330' EL, SE. Hagen Oil, Inc. #1 Abbot. Abd. loc. Clay City Consol.

4N, 5E

5, NE NW SE. Robert E. Trimpe #1 Mitchell. Spd. 6-18-78. Comp. 6-23-78. TD 2700'. D&A. Ste. Genevieve, top 2580' (approx.). Iola Central.

4N, 6E

20, NE SW SE. K Oil, Inc. #4 Schoonover. Spd. 2-14-78. Comp. 6-6-78. TD 2875'. IP 28 BOP. McClosky, top 2853', Frac. Louisville.

20, SE NW NW. McKinney Oil Producer, Inc. #1 Smith. Spd. 5-18-78. Comp. 6-9-78. TD 2811'. IP 70 BOP. McClosky, top 2806', Nat. Louisville.

5N, 7E

Irr. 30, 330' SL, 330' WL, NE NE. Gerald Potter #1 C. Colclasure. Spd. 6-1-78. Comp. 6-11-78. TD 3519'. D&A. Salem, top 3335' (approx.). Toliver East.

CLINTON COUNTY

1N, 3W

1, SE SW SW. John F. Dunnill #2 Jobe. Spd. 5-27-78. Comp. 6-3-78. TD 2670'. D&A. Silurian, top 2615' (approx.). Posey West.

CLINTON COUNTY (continued)

1N, 5W

34, NW SW SW. Collins Brothers Oil Co. #3 Good. Spd. 10-25-76.  
 Comp. 11-28-76. TD 2080'. IP 14 BOP/4 BW. Silurian, top 1954',  
 MCA and Frac. New Memphis.

3N, 2W

Irr. 6, 330' SL, 330' EL, SW. Charles E. Fisher, Jr. #3 F. E. Kartmann WI.  
 Conversion. Was E. E. Flippin #3 Kartmann. Was D&A, temp. abd.  
 Comp. 9-9-58. Recomp. 5-20-77. COTD 1140'. Water input.  
 Benoist, top 1134'. Beaver Creek South.

Irr. 6, 330' SL, 330' EL, SW SE. Charles E. Fisher, Jr. #2 Reinhold  
 Twenhafel WI #2. Conversion. Was P. Mosebach #2 Mitchell. Was  
 Benoist Producer. Comp. 5-13-77. COTD 1149'. Water input.  
 Benoist, top 1137'. Beaver Creek South.

17, NE NW SE. Charles E. Fisher, Jr. #2 Ben Von Hatten WI. Conversion.  
 Was Clyde Bassett #2 Ben Van Hatten. Was Benoist Producer. Comp.  
 5-11-77. COTD 1201'. Water input. Benoist, top 1180'.  
 Keyesport.

17, C W/2 NW NE. Charles E. Fisher, Jr. #7-A Herman Wohlwend WI.  
 Conversion. Was E. C. Koch #7 Wohlwend. Was Benoist Producer.  
 Comp. 5-12-77. COTD 1178'. Water input. Benoist, top 1170'.  
 Keyesport.

COLES COUNTY

13N, 7E

34, SE NE SE. Safari Oil Co. #1 Burtschi. Spd. 6-9-78. Comp. 6-15-78.  
 TD 1960'. D&A. Spar Mountain, top 1931'. WN - Mattoon.

CRAWFORD COUNTY

5N, 11W

3, SE NE SE. Prudential Oil Co. #1 S. W. Kent. Spd. 6-19-78. Comp.  
 6-21-78. TD 1046'. D&A. Robinson, top 950' (approx.). Main  
 Consol.

5N, 12W

20, NE SE NE. Tom McDermott #3 Lawrence. OWNO. Was Erwin Drlg. Co.  
 Was Bethel producer. OTD 1601'. Comp 8-7-54. Recomp. 5-9-78.  
 TD 1601'. D&A - SO. Bethel, top 1576'. Main Consol.

5N, 13W

12, 360' NL, 330' EL, NW NW. Energy Res. of Ind., Inc. #2 L. G. Hoke  
 et al. Spd. 2-21-78. Comp. 5-23-78. TD 1035'. IP 8 BOP/25 BW.  
 Robinson, top 948', Frac. Main Consol.

6N, 13W

7, NW NW NW. Crete Oil Investments, Inc. #1 Eulan C. Aten. Spd.  
 3-10-78. Comp. 5-16-78. TD 1865'. IP 75 BOP/10 BW. Robinson,  
 top 1005', Frac. Main Consol.

35, SW SW NW. Energy Resources of Ind., Inc. #T-2 Baldwin II. Spd.  
 2-10-78. Comp. 5-23-78. TD 1005'. IP 9 BOP/27 BW. Robinson, top  
 842', Frac. Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

10, SW NE SW. Simpson Brothers, Inc. #3 Gurley. Spd. 9-22-77. Comp. 11-30-77. TD 1112'. Oil producer. IP not available. Robinson, top 1036', Frac. Main Consol.

19, 522'NL, 874'WL, NE NW. Getty Oil Co. #R-2 P. K. Conover. Spd. 10-24-77. Comp. 11-1-77. TD 1080'. Water input. Robinson, top 976'. Main Consol.

28, 330'SL, 370'EL, NE NW. E. O. Lurker #2 Catt. Spd. 5-5-78. Comp. 6-8-78. TD 1200'. IP 7 BOP/5 BW. Robinson, top 956', Frac. Main Consol.

8N, 13W

25, NW SE SE. Daniel R. Leavell L-3 R. A. Biddle. Spd. 4-16-78. Comp. 5-23-78. TD 1030'. IP 10 BOP/120 BW. Robinson, top 966', Frac. Main Consol.

EDGAR COUNTY

14N, 13W

35, NE SW SE. Harry J. Adams #1 Perisho. Spd. 5-17-78. Comp. 5-27-78. TD 480'. D&A. Pennsylvanian, top 101'. WN - Dudley.

EDWARDS COUNTY

1N, 10E

27, 650'SL, 330'EL, NW NE. Spartan Petroleum Co. #2 Cleatus Satterthwaite. Spd. 6-5-78. Comp. 6-11-78. TD 3365'. D&A. Ste. Genevieve, top 3250'. Samsville West.

1N, 14W

33, 380'SL, 330'EL, NW SE. Louis A. Pessina #2 R. J. Reisinger. Spd. 5-17-78. Comp. 5-30-78. TD 3613'. D&A. Salem, top 3365' (approx.). Bone Gap East.

1S, 14W

29, NW NW NW. Ram Oil Co. #1 Briggs-Crackel Unit. Spd. 5-29-78. Comp. 6-5-78. TD 3135'. D&A. Ste. Genevieve, top 3043'. Bone Gap Consol.

2S, 10E

12, 330'SL, 800'EL, NW NE. Charles C. White #1 Nadine Wolfe (Jarvis Estate). Spd. 6-3-78. Comp. 6-10-78. TD 3192'. D&A. Spar Mountain, top 3188' (est). Albion Consol.

EFFINGHAM COUNTY

6N, 5E

26, NW NW SW. Ladd Petroleum Corp. #13-1 South Mason Unit Tract. Conversion. Was W. R. Braun #1 Tremble. Was Spar Mountain producer. Comp. 11-18-77. COTD 2410' (est). Water input. Aux Vases, 2392'. Iola Consol.

34, 330'NL, 300'EL, SW NE. Ladd Petroleum Corp. #2-2A Jarvis Unit Tract. OWDD-Conversion. Was Vernon D. Jarvis #2-A John Boyce. Was Aux Vases producer. OTD 2353'. Comp. 12-5-77. DTD 2400' (est). Water input. Spar Mountain, top 2364'; McClosky, top 2390' (est). Iola Consol.

EFFINGHAM COUNTY (continued)

6N, 5E

34, SW NE NE. Ladd Petroleum Corp. #2-1 South Mason Unit Tract. Conversion. Was Kingwood Oil Co. #1 Eugene See "B". Was Aux Vases, Spar Mountain, and McClosky producer. Comp. 11-23-77. COTD 2445'. Water input. Aux Vases, top 2330'; Spar Mountain, top 2385' (est); McClosky, top 2431' (est). Iola Consol.

34, NE NE NE. Ladd Petroleum Corp. #9-2 South Mason Unit Tract. Conversion. Was W. W. Shafferh 2 Evans B. Was Bethel, Aux Vases, and Spar Mountain producer. Comp. 1-10-78. COTD 2466'. Water input. Aux Vases, top 2341' (est); Spar Mountain, top 2427' (est); McClosky, top 2451' (est). Iola Consol.

6N, 6E

21, SW SW SW. M. L. Niemeyer #1 Storms. Spd. 5-28-78. Comp. 6-3-78. TD 3120'. D&A. Ullin, top 3110'. WN - Hill.

FRANKLIN COUNTY

5S, 3E

Irr. 19, 384'NL, 1190'EL, SE SW. H & W Oil Co., Inc. #2 Carraher. Spd. not available. Comp. 6-20-78. TD 3803'. IP 28 BOP. St. Louis, top 3051'. Whittington.

5S, 4E

24, 330'SL, 330'WL, NW. C. E. Brehm Drlg. & Prod. #1 "A" Neal. Spd. 10-27-77. Comp. 11-9-77. TD 4280'. D&A. Ullin, top 4200'. Macedonia. (In Nov. 1977 Drlg. Report was erroneously run as Abd. Loc).

6S, 2E

25, 994'NL, 978'EL, NW. Shell Oil Co. #151W Benton Flood Unit. Conversion. Was E. S. Adkins #1 Joe Rice. Was Tar Springs producer. Comp. 5-24-78. COTD 2126'. Water input. Tar Springs, top 2110'. Benton.

25, 990'NL, 900'EL, NW. Shell Oil Co. #1 Shell-CW & F Coal Co. Rice Comm. Conversion. Was Aux Vases & Ohara producer. Comp. 5-23-78. COTD 2958'. SWD. Aux Vases, top 2725'; Ohara, top 2780'. Benton

HAMILTON COUNTY

4S, 7E SW

26, SW/NW. Petroleum Management, Inc. #2-1A C. F. Rebstock. OWDD. Conversion. Was NAPCO #1-A Rebstock. Was Aux Vases producer converted to Aux Vases water input. OTD 3303'. Comp. 10-12-43. Recomp. 11-29-77. DTD 3521'. IP 4 BOP/120 BW. McClosky, top 3463'. Bungay Consol.

6S, 7E

22, SW SW SE. Ernest Sherman #1 Hunt. OWWO & OWDD. Was C. E. Brehm Drlg. & Prod. D&A. OTD 4220'. Comp. 1-10-78. Recomp. 4-13-78. TD 601'. Junked hole. WN - Broughton.

27, C S/2 SW NW. Duke Resources Corp. #5 Bonan. Spd. 11-15-77. Comp. 5-9-78. TD 4270'. D&A - SO. Ullin, top 4165'. Broughton.

HAMILTON COUNTY (continued)

6S, 7E

27, 330'NL, 538'WL, NW. Duke Resources Corp. #8 Bonan. Spd. 5-8-78. Comp. 5-25-78. TD 4710'. D&A. Ullin, 4160'. Dale Consol.

27, NW NW NW. Duke Resources Corp. #8-A Bonan. Spd. 3-14-78 (est). Comp 3-15-78 (est). TD 565'. Junked hole. Dale Consol.

28, 565'SL, 565'EL, NE. F. E. Frassato #1 Short et al. Comm. Spd. 10-13-77. Comp. 6-20-78. TD 4300'. IP 6 BOP/6 BW. Ullin, top 4244'. Broughton.

7S, 7E

1, 435'SL, 855'EL, NW. J. D. Turner #1 West-Hoskins Comm. Spd. 5-28-78. Comp. 6-14-78. TD 4250'. D&A. Ullin, top 4150' (approx.). WF.

JASPER COUNTY

5N, 10E

11, SE NE SW. Lahoil, Inc. #1 Semple Comm. Spd. 6-11-78. Comp. 6-16-78. TD 2940'. D&A. Ste. Genevieve, top 2850' (approx.). Ste. Marie West.

JEFFERSON COUNTY

1S, 4E

23, NE SE NW. Energy Resources Corp. #1 Vernon Weaver. Spd. 2-24-78. Comp. 6-13-78. TD 3518'. IP 50 BOP/20 BW. Salem, top 3403', MCA, Acid & Frac. Coil West.

2S, 3E

1, NW NW SW. POGO Petroleum, Inc. #1 George Mulch. Spd. 5-19-78. Comp. 5-29-78. TD 3520'. D&A. Salem, top 3280'. WN - Divide Consol.

18, SW NW NW. C. E. Brehm Drlg. & Prod. #1 Holman Comm. Spd. 6-15-78. Comp. 6-18-78. TD 2815'. D&A. Ste. Genevieve, top 2700' (approx.). WN - Mt. Vernon North.

21, C SW NW. C. E. Brehm Drlg. & Prod. #1 Tobin Comm. Spd. 6-20-78. Comp. 6-24-78. TD 2875'. D&A. Ste. Genevieve, top 2720' (approx.). WF.

2S, 4E

11, SE NW NW. Charles T. Evans #2 Arthur Voyles. OWOO-OWDD. Was D&A. OTD 2981'. Comp. 2-21-76. Recomp. 6-24-78. DTD 3783'. D&A. Salem, top 3350' (approx.). Oakdale.

3S, 3E

Irr. 7, 990'NL, 660'EL, NW. Albert Gentles #6 Gee. Spd. 4-1-78. Comp. 5-16-78. TD 2819'. IP 30 BOP. McClosky, top 2807', Acid. Mt. Vernon.

4S, 4E

16, NE SE SE. C. E. Brehm Drlg. & Prod. #1 Logan. Spd. 6-4-77. Comp. 6-9-77. TD 3390'. D&A. Fredonia, top 3238'. WF

LAWRENCE COUNTY

2N, 12W

11, 230' SL, 330' WL, NE. Frances Gillespie #17 Ridgley. Spd. 4-1-76. Comp. 5-9-78. TD 1230'. D&A. Pennsylvanian, top 1183'. Lawrence.

12, 1238' SL, 724' WL, NW. Frances Gillespie #18 Ridgley Heirs. Spd. 3-28-76. Comp. 5-9-78. TD 1254'. D&A. Biehl, top 1142'. Lawrence.

3N, 12W

18, NW SW SW. W. H. Kinsell #5 Allison. Spd. 4-15-77. Comp. 7-1-77 (est). TD 1974'. Temp. abd. Bethel, top 1949'. Lawrence.

3N, 13W

13, NE NW NW. Illinois Mid-Continent Co./Dee Drilling Co. #2-A Pepple. Spd. 6-1-78. Comp. 6-5-78. TD 2210'. D&A. McClosky, top 2180' (approx.). Lawrence West.

4N, 13W

36, NW SW NW. Schlensker Drilg. Corp. #1 Isolene Ferguson. Spd. 6-3-78. Comp. 6-8-78. TD 2105'. D&A. Ste. Genevieve, top 2018'. Lawrence.

MACON COUNTY

16N, 1E

36, SW NW SE. W. A. Corley #1 Allie Hill Comm. Spd. 3-20-78. Comp. 6-6-78. TD 2180'. IP 100 BOP. Silurian, top 2146', Acid. Harristown South.

36, NW SW SE. W. Andrew Corley #3 Howard Hill. Spd. 3-12-78. Comp. 6-6-78. TD 2175'. IP 100 BOP. Silurian, top 2134', MCA & Acid. Harristown South.

MACOUPIN COUNTY

7N, 7W

16, SW NE NE. I. R. Bennett #6-A Schreier. Spd. 4-24-78. Comp. 5-30-78. TD 525'. D&A. Pennsylvanian, top 475' (approx.). Staunton West.

8N, 8W

18, SW NE SW. Cole Energy Dev. Co. #2 Pointer. Spd. 6-8-78. Comp. 6-9-78. TD 395'. D&A. Pennsylvanian, top 350' (approx.). Plainview.

18, 330' NL, 430' EL, SW. Cole Energy Dev. Co. #3 Pointer. Spd. 6-8-73. Comp. 6-8-78. TD 405'. D&A. Pennsylvanian, top 380' (approx.). Plainview.

11N, 7W

15, NW NW SE. Richard Wolf & Neil O. Lee #1 Hazelwood. Spd. 6-15-78. Comp. 6-16-78. TD 608'. D&A. Ste. Genevieve, top 578'. WF.

MADISON COUNTY

4N, 6W

9, SW NW SW. Karchmer Pipe & Supply Co., Inc. #1 Kettler. Conversion. Was E. A. Obering #1 J. Kettler. Was Dev-Sil producer. Comp. 5-3-78. COTD 1756'. Water input. Dev-Sil, top 1755'. Marine.

MADISON COUNTY

4N, 6W

9, NW NW SW. Karchmer Pipe & Supply Co., Inc. #2 Kettler. Conversion. Was E. A. Obering #2 J. Kettler. Was Dev-Sil producer converted to Aux Vases water supply well. Comp. 5-3-78. COTD 1760'. Water input. Dev-Sil, top 1726'. Marine.

16, SE SE NE. Karchmer Pipe & Supply Co., Inc. #2 Pence-Mayer. Conversion. Was Rock Hill Oil Co. #2 Louis Mayer Comm. Was Dev-Sil producer. Comp. 3-24-78. COTD 1780'. Water input. Dev-Sil, top 1739'. Marine.

6N, 6W

22, 454' SL, 305' EL, SW SE. S. B. Schenk #8 Bononi. Spd. 2-20-78. Comp. 3-10-78. TD 575'. Water supply well. Pennsylvanian, top 150' (approx.). Livingston South.

MARION COUNTY

4N, 1E

34, 220' NL, 715' EL, NE. Shell Oil Co. #2 G. M. Davidson. Conversion. Was Cypress producer. Comp. 4-2-77. COTD 1368'. Water input. Cypress, top 1350'. Patoka East.

MONROE COUNTY

2S, 11W

28, 490' SL, 680' EL, NW. T. R. Kerwin #1 Wessel. Spd. 6-7-78. Comp. 6-9-78. TD 700'. D&A. Knox, top not available. WF.

PERRY COUNTY

5S, 1W

21, NW SW SE. Elmer Oelze, Jr. #1 W. C. McBride. Spd. 5-3-78. Comp. 5-23-78. TD 4314'. D&A. Trenton, top 4250' (approx.). WF.

RANDOLPH COUNTY

4S, 5W

Irr. 7, 330' SL, 330' WL, NW NW. John Kelly #3 Boyd. Spd. 4-10-78. Comp. 5-2-78. TD 2102'. IP 9 BOP/1 BW. Silurian, top 2083', Acid & Frac. Tilden North.

RICHLAND COUNTY

3N, 10E

1, NW SE NW. Perry Fulk #1 Schultz Heirs. Spd. not available. Comp. 6-13-78. TD 4440'. D&A. Ullin, top 3970' (approx.). WN- Olney Consol.

SANGAMON COUNTY

15N, 2W

Irr. 7, 330' SL, 990' EL, NW NE. John Carey Oil Co., Inc. #3C G. Hawk. Spd. 2-26-78. Comp. 6-20-78. TD 1772'. IP 30 BOP/some water. Silurian, top 1744', Acid. Roby East.

8, SW NE NW. Tri-Star Producing, Inc. #1A INB Bank. Spd. 5-3-77. Comp. 5-30-78. TD 1790'. IP 10 BOP. Devonian, top 1768', Acid. Roby East.

SANGAMON COUNTY (continued)

15N, 3W

Irr. 4, 330'SL, 330'WL, SE. Don Brewer #1-D Taft. Spd. 6-15-78.  
 Comp. 6-18-78. TD 1737'. D&A. Silurian, top 1665' (approx.).  
 Roby.

16N, 2W

28, SW NW SW. John Carey Oil Co., Inc. #1 Nelson. Spd. 5-23-78.  
 Comp. 5-27-78. TD 1857'. D&A. Silurian, top 1780' (est). WF.  
 29, SW NE NW. John Carey Oil Co., Inc. #1 Auer. Spd. 5-29-78. Comp.  
 6-2-78. TD 1807'. D&A. Silurian, top 1770' (approx.). WN -  
 Roby East.

30, 330'SL, 330'EL, SW SE. John Carey Oil Co., Inc. #1 Hampton. Spd.  
 3-17-78. Comp. 4-10-78 (est). TD 1796'. IP 50 BOP. Silurian,  
 top 1760', Acid. Roby East. (In the May, 1978 Drdg. Report  
 this well was erroneously run as D&A.

30, SE NW SE. John Carey Oil Co., Inc. #3 Hampton. Spd. 5-2-78.  
 Comp. 5-5-78. TD 1801'. D&A. Silurian, top 1760' (approx.).  
 Roby East.

30, NW SE SE. John Carey Oil Co., Inc. #1 Kilbride. Spd. 4-13-78.  
 Comp. 4-24-78. TD 1790'. IP 32 BOP/30 BW. Silurian, top  
 1746', Acid. Roby East.

WABASH COUNTY

1N, 12W

14, 606'SL, 191'EL, NE. Bernard Beuligmann & Kieffer Bros. #W-1  
 Robinson. Conversion. Was Ridge Farm Oil & Gas Co. Was  
 Biehl producer. Comp. 7-24-76. TD 1498'. Water input.  
 Biehl, top 1480'. Allendale.

15, NW SW NW. Hocking Oil Co., Inc. #1 John Schafer. Spd. 5-2-78.  
 Comp. 6-20-78. TD 2890'. IP 4 BOP. St. Louis, top 2558', Acid.  
 Allendale.

28, SE NE NW. Gilbert A. Higgins #5 Rudy Christy. OWWO. Was G. S.  
 Taylor #1 Rudy Christy. D&A, OTD 2356'. Comp. 12-7-76.  
 Recomp. 5-23-78. TD 2356'. IP 20 BOP/5 BW. Aux Vases,  
 top 2257', Acid & Frac. Allendale.

1S, 1W

17, 660'SL, 620'WL, NE. Hocking Oil Co., Inc. #1 J. C. Utter. Spd.  
 3-22-78. Comp. 6-13-78. TD 2954'. IP 15 BOP. Salem, top 2752',  
 Frac. Mt. CArmel.

1S, 13W

7, NW SW NE. Southern Triangle Oil Co. #1 Dunkel Brothers. Spd.  
 1-5-78. Comp. 6-20-78. TD 3406'. IP 25 BOP. Benoist, top 2566',  
 MCA, Frac. New Harmony Consol.

1S, 14W

34, SE NE SW. Rush Creek Oil Co., Inc. #2 Robert Z. Morris. Spd.  
 4-15-78. Comp. 5-16-78. TD 2707'. D&A. Cypress, top 2689'.  
 Browns.

WABASH COUNTY

2S, 13W

22, 575' SL, 1120' WL, SE. Hocking Oil Co., Inc. #1 Riley Heirs. Spd. 5-22-78. Comp. 5-30-78. TD 3450'. D&A. Salem, top 3165' (est). Rochester.

2S, 14W

14, SW SE SW. Kendra Corp. #1 Raber-Hallock Comm. OWWO & OWDD. Was Calvert Drlg., Inc. #1 Raber Comm. Was D&A. OTD 2950'. Comp. 9-25-58. Recomp. 6-13-78. DTD 3600'. Temp abd. Salem, top 3542'. WN - New Harmony Consol.

WAYNE COUNTY

1N, 8E

9, SW SE NW. Hanson Oil Co., Inc. #1-A Best. Abd. Loc. Clay City Consol.

15, SW SW SW. Republic Oil Co., Inc. #1-A Walker. Spd. 1-5-78. Comp. 5-23-78. TD 3863'. IP 25 BOP/trace water. McClosky, top 3070', Acid. Clay City Consol.

23, C SW SW. Union Oil Co. of California #2 McKenzie Consolidated. Abd. Loc. Clay City Consol.

2N, 7E

24, 365' SL, 486' EL, NW NW. Hubert W. Rose #3-A Settles. Spd. 4-22-78. Comp. 6-12-78. TD 3760'. IP 150 BOP/35 BW. Salem, top 3442', Acid & Frac. Clay City Consol.

1S, 5E

26, 330' SL, 940' WL, NW SW. Charles T. Evans #3 Johnson. Abd. Loc. Keenville.

27, 150' SL, 285' WL, SE NW. Fletcher F. Farrar #1 Roy Reed SWD. Spd. 4-7-77. Comp. 4-11-71. TD 2821'. SWD. Cypress, top 2755'. Keenville.

1S, 6E

Irr. 3, 330' NL, 990' WL, SW SE. Art Buchanan #1 Art Buchanan et al. Spd. 2-28-77. Comp. 6-13-78. TD 4025'. IP 14 BOP. Salem, top 3674', Frac. Johnsonville Consol.

11, 380' SL, 330' EL, SW SE. Modern Explorations #1 Riley. Spd. 2-28-78. Comp. 6-13-78. TD 3855'. IP 80 BOP. Salem, top 3602', Acid. Johnsonville South.

19, NW SE NE. Fletcher F. Farrar #1 Miller. Spd. 6-1-78. Comp. 6-10-78. TD 3890'. D&A. Salem, top 3550' (approx). Johnsonville Consol.

Irr. 25, 330' NL, 660' EL, NW NE. John Carey Oil Co., Inc. #1 McNeil. Spd. 6-10-78. Comp. 6-18-78. TD 3350'. D&A. St. Louis, top 3310' (approx.). Clay City Consol.

WAYNE COUNTY (continued)

1S, 6E

31, SW NW NW. Shakespeare Oil Co., Inc. #1 R. Matthews Comm. Spd. 6-9-78. Comp. 6-19-78. TD 3816'. D&A. Ullin, top 3800' (approx.). Keenville East.

1S, 7E

28, SE SW SW. Van Fossan Oil Associates #1 Thelma Theobold. Abd. Loc. Clay City Consol.

1S, 9E

Irr. 5, 330' SL, 330' EL, NW SE. L M C Resources, Inc. #1 Simmons-McDowell Com. Spd. 5-25-78. Comp. 6-1-78. TD 3390'. D&A. McClosky, top 3346'. Locust Grove South.

8, NE NE NE. Perry Fulk #1 Harold Bunnage. Spd. 6-14-78. Comp. 6-21-78. TD 3367'. D&A. Ste. Genevieve, top 3320' (approx.). Locust Grove South.

2S, 6E

14, 330' SL, 735' WL, NW NW. Art Buchanan #1 Olen Baker. Spd. 12-21-77. Comp. 6-20-78. TD 3430'. IP 30 BOP. McClosky, top 3310'. Covington South.

2S, 7E

3, NW SW SE. Van Fossan Oil Associates #1 Vada Bunting. Spd. 6-5-78. Comp. 6-17-78. TD 3845'. D&A. Salem, top 3550' (approx.). Clay City Consol.

3, 365' SL, 955' WL, NW SE. Van Fossan Oil Associates #4A R. H. Carter. Spd. 4-15-78. Comp. 6-13-78. TD 3892'. IP 30 BOP. Salem, top 3776', MCA & Acid. Clay City Consol.

3, NE NW SE. Van Fossan Oil Associates #5 R. H. Carter. Spd. 5-24-78. Comp. 6-13-78. TD 3860'. D&A. Salem, top 3554'. Clay City Consol.

9, C N/2 NE NE. Jerry E. Friend #1 Leininger. Spd. 4-15-78. Comp. 6-13-78. TD 3955'. IP 40 BOP/20 BW. Salem, top 3640'. Clay City Consol.

3S, 6E

Irr. 5, 330' SL, 330' EL, NW SW. Comanche Oil Corp. #1 Simpson. Spd. 4-27-78. Comp. 5-25-78. TD 3400'. IP 240 BOP/0 BW. McClosky, top 3375', Nat. Mayberry. EXT. TO FIELD.

3S, 9E

6, NW SW SE. Van Fossan Oil Associates #1 N. J. Vaughan. Spd. 4-25-78. Comp. 6-20-78. TD 4245'. IP 120 BOP. Ullin, top 4205'. Goldengate Consol.

WHITE COUNTY

3S, 10E

25, SW SE SE. Barger Engineering, Inc. #2 P. Blackford. Conversion. Was L. D. Sawyer Est. #2 Blackford. Was Bethel producer. Comp. 3-10-78. COTD 2920'. Water input. Bethel, top 2862'. Phillipstown Consol.

## WHITE COUNTY (continued)

3S, 10E

34, SE SE NW. R K Petroleum Corp. #1 Herman Hon. Spd. 5-27-78. Comp. 6-6-78. TD 3242'. D&A. Ste. Genevieve, top 3114' (approx.). Albion Consol.

4S, 8E

16, SW SE SW. C. E. Brehm Drilg. & Prod. #1 Foley Comm. Spd. 6-10-77. Comp. 6-16-77. TD 3575'. D&A. McClosky, top 3552'. WF.

29, NE SW NW. Perry Fulk #2 Stahl et al. Unit. Spd. 1-28-78. Comp. 2-4-78. TD 3338'. D&A. Renault, top 3322' (approx.). Springerton South.

29, NW NW SE. Absher Oil Co. #1 Van Ward. Spd. 3-31-78. Comp. 5-16-78. TD 3375'. IP 75 BOP/25 BW. Aux Vases, top 3369', Frac. Springerton South.

32, NE SE NE. RK Petroleum Corp. #6 Warthen Comm. Spd. 5-16-78. Comp. 6-13-78. TD 3350'. IP 55 BOP. Aux Vases, top 3345', nat. Springerton South.

4S, 10E

25, NE SW SW. Royal G. Cantrell #3 Blanche Carr. Spd. 4-16-78. Comp. 5-30-78. TD 2330'. IP 4 BOP/4 BW. Tar Springs, top 2318', Frac. Phillipstown Consol.

4S, 14W

5, NE SE SW. Elliott & Franklin #1A Orville Smith. OWNO & OWDD. Was S. C. Yingling #1 Smith. Was Aux Vases producer. OTD 2918'. Comp. 5-20-41. Recomp. 6-20-78. DTD 3913'. IP 15 BOP. Salem, top 3870', Acid; Ullin, top 3880', Acid. New Harmony Consol.

33, 750' SL, 330' EL, NW SE. The Superior Oil Co. #E-1 E. Greathouse (SW Unit). Conversion. Was Sun Oil Co. #1-E E. R. Greathouse. Was McClosky & St. Louis Producer. COTD 3390'. Water input. McClosky, top 2885'; St. Louis, top 3085'. New Harmony Consol.

5S, 8E

4, NW NE SW. RK Petroleum Corp. #1 Graham et al. Spd. 5-25-78. Comp. 6-5-78. TD 3395'. D&A. Aux Vases, top 3340' (approx.). Enfield North.

4, SE NW NW. Illini Drilling Co. #1 Thomas Prince. Spd. 5-11-78. Comp. 5-21-78. TD 3347'. D&A. Aux Vases, top 3335' (approx.). Springerton South.

4, SE SE NW. RK Petroleum Corp. #1 Vida Stine. Spd. 4-18-78. Comp. 6-13-78. TD 3381'. IP 50 BOP. Aux Vases, top 3369'. Enfield North.

4, SW SE NW. RK Petroleum Corp. #2 Vida Stine. Spd. 5-11-78. Comp. 6-13-78. TD 3359'. IP 55 BOP. Aux Vases, top 3348'. Enfield North.

WHITE COUNTY (continued)

5S, 8E

4, SE SW NW. RK Petroleum Corp. #3 Vida Stine. Spd. 5-31-78. Comp. 6-8-78. TD 3374'. D&A. Aux Vases, top 3350'. Enfield North.

Irr. 7, 330'NL, 330'EL, SW NE. RK Petroleum Corp. #1 Don Anderson et al. Spd. 6-6-78. Comp. 6-15-78. TD 3492'. D&A. Ste. Genevieve, top 3370' (approx.). WN - Enfield.

8, SE NW SW. C. E. Brehm Drlg. & Prod. #1 Wicker Comm. Spd. 6-23-77. Comp. 6-30-77. TD 3510'. D&A. McClosky, top 3497'. WN - Enfield.

14, 329'NL, 330'EL, NW SE. Illinois Mid-Continent & Dee Drlg. Co. #3 460 Realty Frymire. Conversion. Was Aux Vases producer. Comp. 11-20-77. COTD 3185'. Water input. Aux Vases, top 3145'. Trumbull Consol.

5S, 11E

Irr. 19, 990'SL, 1650'WL, NW SW. Black & Black Oil Co. #1 Duvall. Spd. 6-1-78. Comp. 6-17-78. TD 3900'. D&A. Ullin, top 3850' (approx.). Maunie North Consol.

6S, 9E

11, C SE SE. Jim Haley Production Co. #5A Rudolph. Spd. 6-1-73. Comp. 6-13-78. TD 2251'. Junked hole. Storms Consol.

6S, 10E

15, SW SW NW. Jim Haley Production Co. #1 Ernest Morrill. OWWO-OWDD. Was D&A. OTD 3084'. Comp 5-10-55. Recomp. 5-31-78. TD 4000'. D&A. Ullin, top 3940' (approx.). Concord Consol.

15, 330'NL, 390'WL, SE NW. Arthur Vandebark #1 Seal (Blackman). Spd. 6-6-78. Comp. 6-14-78. TD 3902'. D&A. Ullin, top 3898' (approx.). Concord Consol.

16, SE NE SE. Jim Haley Production Co. #1 Clara Martin. Spd. 4-1-78. Comp. 6-13-78. TD 3950'. IP 200 BOP. Ullin, top 3850', Acid. Concord Consol.

21, C S/2 NW NE. Jim Haley Production Co. #B-3 Tuley. Spd. 12-29-77. Comp. 5-23-78. TD 4470'. IP 130 BOP. Ullin, top 3852', Acid. Concord Consol.

7S, 11E

19, 855'NL, 330'EL, SE SW. C. E. Brehm Drlg. & Prod. #7 Boetticher. Spd. 6-2-77. Comp. 7-10-77 (est). TD 2835'. IP 25 BOP/trace water. Spar Mountain, top 2814', Acid. New Haven Consol.

WILLIAMSON COUNTY

8S, 4E

22, NE SW SW. C. E. Brehm Drlg. & Prod. #1 Inman. Spd. 6-11-77. Comp. 6-18-77. TD 3040'. D&A. Fredonia, top 2978'. Corinth.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JUNE 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CHRISTIAN COUNTY

28-14N-3W, 330'NL, 405'WL, SE. Aladdin Oil Develop. Co. #1-A Linton-Osborn. 1762'. 6-2-78. Edinburg West.  
13-15N-2W, 430'NL, 330'EL, SW SW. E. A. Funderburk #1-F Bailey. 1904'. 6-6-78. Mt. Auburn Consol.

## CLARK COUNTY

14-9N-14W, 330'NL, 330'EL, SW NE. Ralph H. Edwards #4 Gross E. 1722'. 6-10-78. Johnson North.  
31-10N-13W, 380'NL, 340'WL, NE SW. Wiley Fasig #1-A Sallie Pence. 539'. 4-21-78. Martinsville.  
31-10N-13W, NE NE SW -Drilled off loc. Approx. 50' SW. Wiley Fasig #2 Sallie Pence. 545'. 6-6-78. Martinsville.

## CLAY COUNTY

2-2N-7E, SW SE SW. John M. Zanetis #1 Bayler. 3627'. 6-7-78. Clay City Consol.  
2-2N-7E, NE NW SW. John M. Zanetis #1 Sloan-Baylor Consol. 3610'. 6-10-78. Clay City Consol.  
13-2N-8E, SE NW SW. J. W. Rudy Co. #1 Elmo DeHart, formerly G. P. Gill #1 Fred Coulter. 3649'. 6-21-78. Clay City Consol.  
1-3N-7E, 330'SL, 330'EL, NE NW. James C. Franklin #1 R. Franklin. 2327'. 6-1-78. Sailor Springs Consol.  
14-4N-7E, 330'SL, 330'EL, SW NE. Peter S. Smalley #1 William Schnepper. 2616'. 6-5-78. Sailor Springs Consol.  
Irr. 19-4N-8E, 990'SL, 330'WL, NW. McKinney Oil Prod., Inc. #2 D. Stanley. 3000'. 5-19-78. (Salt water disposal, formerly a producer). Sailor Springs North.  
3-5N-7E, 990'NL, 330'WL, NE. McKinney & Funderburk #1 Sparlin. 2540'. 6-7-78. Sailor Springs Consol.

## COLES COUNTY

2-11N-7E, 330'NL, 330'WL, NW. Carter Oil Co. #2 Elizabeth Ganley. 2025'. 6-8-78. Mattoon.  
2-11N-7E, NW SW NW. Carter Oil Co. #1 Ruth Uphoff. 2035'. 16-3-78. Mattoon.  
2-11N-7E, NW NW SW. Carter Oil Co. #3 Ruth Uphoff. 2044'. 6-5-78. Mattoon.  
2-11N-7E, SE SW NW. Carter Oil Co. #5 Ruth Uphoff. 2040'. 6-6-78. Mattoon.  
2-11N-7E, 330'NL, 330'EL, SW NW. Humble Oil & Ref. Co. #6-W Ruth Uphoff, formerly Carter Oil Co. #6. 2044'. (Water input, formerly a producer). Mattoon.  
11-12N-7E, SE SE NE. Lillian S. Baker #8 M. B. Herkimer. 1953'. 5-22-78. Mattoon.  
22-13N-7E, NE SW SE. Development Assoc. Inc. #2 George W. Miller. 1914'. 6-1-78. Mattoon North.

## COLES COUNTY (continued)

19-14N-8E, NE NW SW. Hill Production Co. #3 J. E. Hill. 1824'. 5-31-78.  
Cooks Mills East.

## CRAWFORD COUNTY

7-6N-12W, 330'SL, 330'WL, NW SE. Pyramid Oil Co. #1 Harold Rich. 990'.  
6-15-78. Main Consol.

## DOUGLAS COUNTY

17-14N-8E, NW SE SW. Schaefer Oil Co. #7 Schageman, formerly E. E. Spencer.  
1812'. 5-26-78. (water input, formerly a producer). Cooks Mills Consol.  
Cv. 2-15N-7E, SW SE SE. M. H. Richardson #B-1 Virgil Wimple. 1628'.  
5-28-78. Bourbon Consol.  
2-15N-7E, SE SE SE. M. H. Richardson #B-2 Virgil Wimple. 1600'. 5-24-78.  
Bourbon Consol.

## EDWARDS COUNTY

23-1N-10E, 330'SL, 330'WL, SW SW. Independent Oil Co. #1 Calvin King.  
4200'. 5-26-78. Samsville West.  
29-2S-14W, 330'SL, 330'WL, SE NW. Charles A. Cruea #1-A Louis Fieber.  
3130'. 6-19-78. Albion East.

## HAMILTON COUNTY

35-6S-5E, NE SW NW. Ohio Oil Co. #H-10 M. C. Moore, formerly #4. 3295'.  
5-25-78. (Water input, formerly a producer). Dale Consol.

## JEFFERSON COUNTY

27-1S-3E, 330'NL, 330'EL, SW NW. David F. Herley #1 Shafer. 2843'.  
6-15-78. Divide Consol.  
7-1S-4E, NW NW SW. David F. Herley #1 Mason. 3167'. 6-13-78. Divide Consol.  
35-2S-1E, SW NE NW. R. B. Martin et al. #1 J. Rosenberg. 1983'. 5-30-78.  
Woodlawn.  
35-2S-1E, 330'NL, 330'EL, NW. R. B. Martin et al. #2 J. Rosenberg. 2017'.  
6-1-78. Woodlawn.

## LAWRENCE COUNTY

19-4N-12W, 495'SL, 100'EL, NE. Ohio Oil Co. #4 S. E. Hazel a/c 1. 935'.  
4-12-78. Lawrence.  
28-4N-12W, SE SW SW. Nation Oil Co. #1 Verus Wright. 1622'. 5-17-78.  
Lawrence.  
28-4N-12W, 330'NL, 330'WL, SW SW. Nation Oil Co. #2 Verus Wright, formerly  
Edward R. Parker #1. 1870'. 5-22-78. Lawrence.  
28-4N-12W, 450'SL, 330'WL, SW. Nation Oil Co. #6 Verus Wright. 1860'.  
5-15-78. Lawrence.  
28-4N-12W, 330'NL, 330'EL, SW SW. Nation Oil Co. #7 Verus Wright. 1772'.  
5-31-78. Lawrence.  
28-4N-12W, 330'SL, 330'WL, SW SW. Schlensker Drlg. Corp. #1 Verus Wright.  
3575'. 5-22-78. Lawrence.  
29-4N-12W, 290'NL, 100'EL, NW NW. Bridgeport #7 Eshelman. 1358'. 4-7-78.  
Lawrence.  
30-4N-12W, 1114'SL, 578'EL, NE. Ohio Oil Co. #40 W. R. Crackle a/c 1.  
1335'. 4-5-78. Lawrence.

## MACON COUNTY

12-16N-1E, 630' SL, 330' WL, NW SW. Dell Carroll #1 Ida M. Travis. 2081'.  
6-15-78. Harristown.

## MORGAN COUNTY

22-15N-9W, Ap. NE SE NE. Negus #1 Negus. 315'. 5-1-78. Jacksonville Gas.

## RICHLAND COUNTY

32-3N-10E, 990' SL, 330' WL, SE SE. Spartan Pet. Co. #1 Pitts Comm. 3920'.  
5-31-78. Calhoun Consol.  
32-3N-10E, 400' NL, 330' WL, SW SE. Spartan Petroleum Co. #1 Runyon et al.  
3966'. 5-26-78. Calhoun Consol.

## SALINE COUNTY

24-8S-7E, NW SW SE. Shawnee Petroleum Assoc. #1 Clarence Etienne. 2154'.  
5-24-78. Eldorado East.

## SANGAMON COUNTY

5-15N-2W, 330' NL, 660' EL, SE. Koons & Frank Pet. Exploration #1 Ryan-  
MacKinley. 1815'. 6-12-78. Roby East.  
Irr. 7-15N-2W, 1650' NL, 330' WL, SW. Homeier Oil Associates #5 Dowdell.  
1805'. 6-9-78. Roby East.  
Irr. 7-15N-2W, 990' SL, 330' EL of Lot 2, NW. Hanson Oil Co., Inc. #3  
Gerald Mooney. 1762'. 6-10-78. Roby East.  
12-15N-3W, SW SE SE. Homeier Oil Assoc. #2 Dowdell. 1782'. 6-8-78.  
Roby East.  
22-15N-4W, 330' SL, 330' EL, NE NE. John Carey Oil Co. #1 Coe Comm. 1716'.  
6-19-78. Black Branch.

## WABASH COUNTY

32-1N-13W, 330' SL, 330' WL, NW. Southern Triangle Oil Co. #1 Leland Stoltz.  
2776'. 5-22-78. New Harmony Consol.  
31-2N-13W, 330' NL, 330' EL, NW. Southern Triangle Oil Co. #1 Howard Pixley.  
3688'. 6-14-78. Berryville Consol.  
17-1S-13W, 330' SL, 330' WL, NW SW. Spartan Pet. Co. #1 Karl Berberich et al.  
Comm., formerly Johnston Drdg. Co., Inc. #1 Alvin & Noble Keffey.  
3746'. 6-8-78. New Harmony Consol.  
33-1S-13W, SW NW SW. C. E. Skiles #1 Gerald Parmenter. 2541'. 5-26-78.  
(Water input, formerly a producer). New Harmony Consol.  
33-1S-13W, 1633' NL, 990' WL, SW. C. E. Skiles #5 Gerald Parmenter. 2556'.  
5-31-78. (Water input, formerly a producer). New Harmony Consol.

## WAYNE COUNTY

23-1N-6E, 330' NL, 660' EL, NW. Robert B. Britton #1 A. J. Hale, formerly  
Ward W. Dayton. 3259'. 6-20-78. Johnsonville Consol.  
4-1N-8E, NW SE SW. Southern Ill. Oil Producers #1 Hubble. 3094'. 6-2-78.  
Clay City Consol.  
4-1N-8E, NE SE SW. Southern Ill. Oil Producers, Inc. #2 Hubble. 3455'.  
5-30-78. Clay City Consol.  
4-1N-8E, SW SE SW. Southern Ill. Oil Producers #3 W. Hubble. 3026'.  
6-6-78. Clay City Consol.  
21-2N-8E, 660' SL, 330' EL, NW SW. Santoro Oil Co., Inc. #1 Hosselton et al.  
3586'. 5-25-78. Clay City Consol.

## WAYNE COUNTY (continued)

12-1S-7E, NE NE SW. Pure Oil Co. #1 R. L. Johnson (NE Geff Unit), formerly R. P. Johnson & C. G. Davis. 3068'. 6-23-78. (Water input, formerly a producer). Clay City Consol.

22-1S-8E, NW NW SW. Kenneth C. Bell #2 L. E. Borah "B". 3242'. 6-23-78. Clay City Consol.

## WHITE COUNTY

29-5S-10E, NW NW SE. Skiles Oil Corp. #3 E. A. Stophlet. 3107'. 6-6-78. Storms Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

III. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

III. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

III. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

III. Pet. 104. Underground Storage of Natural Gas (1975).

III. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

III. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

III. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

III. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

III. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Circ. 453. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).

## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	



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Geol Survey

State of Illinois  
Department of Registration and Education

I L L I N O I S   S T A T E   G E O L O G I C A L   S U R V E Y

Urbana, Illinois 61801

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MONTHLY REPORT

O I L   A N D   G A S   D R I L L I N G  
I N   I L L I N O I S

Jacob Van Den Berg



## DISCOVERIES

### New Fields

PANA CENTRAL. Christian County, 12-11N-1E, Benoist at 1523'.  
Discovery well, Rector & Stone Drlg. Co. 1 De Barr, IP 7 BOP, 7 BW.

### New Pay Zones in Fields

ELLERY EAST. Edwards County, 26-2S-10E, McClosky at 3250'.  
Discovery well, W. H. Kinsell 4 J. Roosevelt, IP 25 BOP from Aux Vases & McClosky.

### Extensions to Fields

BROUGHTON. Hamilton County, 34-6S-7E, McClosky at 3280'.  
Discovery well, F. E. Frassato 2 English Heirs, IP 72 BOP.

HICKORY HILL. Marion County, 35-1N-4E, Spar Mtn. at 2793'.  
Discovery well, Black Hawk Resources Corp 17-35 Irvin Stanford et al, IP 41 BOP, 45 BW.

\* \* \* \* \*

CORRECTION. The number of permits and well completions shown for Edwards County on page 4 of the April 1978 Drilling Report should have been shown for Effingham County. There were no permits or well completions for Edwards County in April.

ILLINOIS STATE  
GEOLOGICAL SURVEY  
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TABLE I

New Pools Discovered from August 1977 through July 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>August 1977</u>			<u>February</u>		
None			None		
<u>September</u>			<u>March</u>		
Cooperstown (gas) Brown County	1S	2W	Wayne City Wayne County	2S	6E
<u>October</u>			<u>April</u>		
None			None		
<u>November</u>			<u>May</u>		
Holliday Fayette County	9N	3E	Norris City West White County	6S	8E
Illiopolis Sangamon County	16N	2W	<u>June</u>		
			None		
<u>December</u>			<u>July</u>		
Spring Garden Jefferson County	4S	3E	Pana Central Christian County	11N	1E
<u>January 1978</u>					
None					

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in		
	Field Wells	Discoveries		Drilled Holes	Reworked		Total New Tests	Thousands of Barrels	
		Field	Ext.		Dry Holes	Field Wells		New	of
								Tests	Barrels
<u>1977</u>									
Jan.	41(1)	0	0	37	4(1)	16	2	3	58
Feb.	33	0	1	34	0	8	3	1	46
Mar.	48(1)	0	1	42(1)	7	17	6	3	69
Apr.	50(1)	0	1	46(1)	5	11	3	5	66
May	59(1)	0	0	54(1)	5	21	10	0	86
June	58(3)	0	1	54(3)	5	32	12	7	103
July	40(1)	0	1(2)	39(3)	2	26	13	3	84
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103
Oct.	53	0	2	46	9	36	9	5	96
Nov.	60(3)	2	2	61(3)	3	27	12	5	108
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036
									25,609
<u>1978</u>									
Jan.	38	0	1	38	1	7	1	2	48
Feb.	55(1)	0	0	52(1)	3	29	9	3	94
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63
Apr.	25	0	2	23	4	7	2	2	34
May	18	1	2	20	1	32	8	5	65
June	44	0	2	42	4	43	11	9	105
July	54(3)	1	2	53(3)	4	37	8	9	110

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through June 1978 are from reports received directly from crude gathering companies. The figure for July is estimated.

TABLE III  
Drilling by Counties, Oil and Gas, July 1978

County	Permits to Drill*	Production Tests				Service Wells			Struc- ture Tests	
		Total Comp.	New Holes		D&A to Prod.	New	Conversions			
			Prod.	D&A			Were Prod.	Others		
Bond	-	1	-	-	-	1	-	-	-	
Christian	2	1	1	-	-	-	-	-	-	
Clark	6	2	2	-	-	-	-	-	-	
Clay	2	10	7	2	1	-	-	-	-	
Clinton	8	1	1	-	-	-	-	-	-	
Coles	2	2	1†	1	-	-	-	-	-	
Crawford	4	18	15	3	-	-	-	-	-	
Edgar	3	1	1†	-	-	-	-	-	-	
Edwards	5	3	1	2	-	-	-	-	-	
Effingham	5	2	-	2	-	-	-	-	-	
Fayette	1	2	1	-	-	-	1	-	-	
Franklin	3	-	-	-	-	-	-	-	-	
Gallatin	1	-	-	-	-	-	-	-	-	
Hamilton	3	5	2	3	-	-	-	-	-	
Jasper	3	-	-	-	-	-	-	-	-	
Jefferson	10	4	-	4	-	-	-	-	-	
Lawrence	8	6	3	2	-	1	-	-	-	
Macon	2	-	-	-	-	-	-	-	-	
Macoupin	-	2	1†	1	-	-	-	-	-	
Madison	2	1	-	1	-	-	-	-	-	
Marion	3	2	2	-	-	-	-	-	-	
Monroe	3	7	4	2	1	-	-	-	-	
Montgomery	-	2	-	2	-	-	-	-	-	
Randolph	1	-	-	-	-	-	-	-	-	
Richland	8	3	-	2	-	-	-	1	-	
St. Clair	1	1	-	1	-	-	-	-	-	
Sangamon	1	2	-	2	-	-	-	-	-	
Shelby	-	1	1	-	-	-	-	-	-	
Wabash	5	7	2	5	-	-	-	-	-	
Washington	4	1	-	1	-	-	-	-	-	
Wayne	13	16	8	3	-	-	-	-	-	
White	39	17	3	9	2	1	1	1	-	
Williamson	-	1	-	1	-	-	-	-	-	
	148	121	56	54	4	3	2	2	-	

\*Issued by Department of Mines and Minerals, Springfield, Illinois, June 30, 1978 through July 26, 1978.

†Gas well

TABLE IV

## Drilling by Counties, Natural Gas Storage, July 1978

County	Permits to drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	2	-	-	-	-	-
	2	-	-	-	-	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, June 30, 1978 through July 26, 1978.

## WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

## WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

## WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

## OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

## BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

## OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

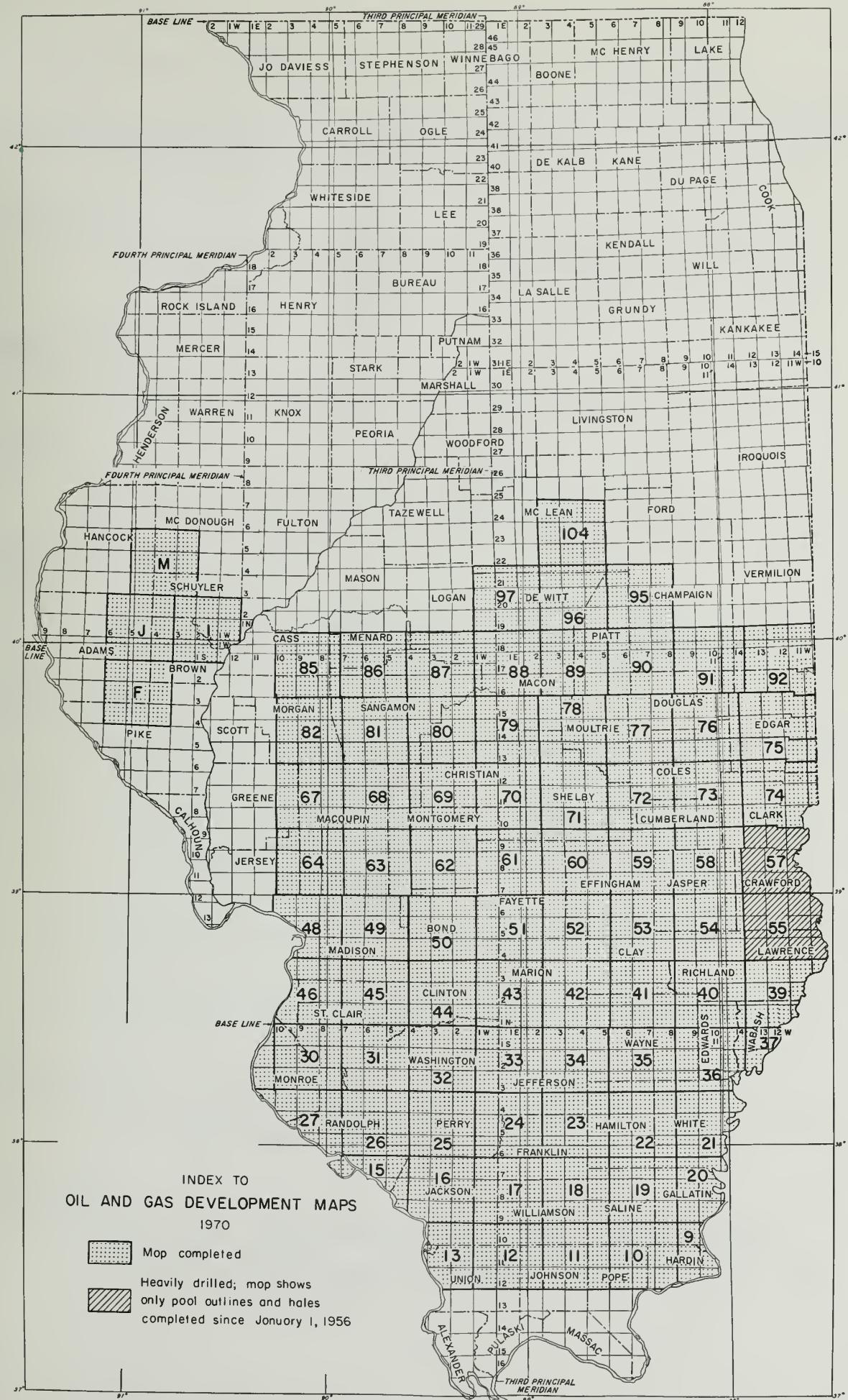
## OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)





WELLS COMPLETED FROM JULY 1, 1978 TO JULY 28, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

4N, 4W

11, NE NE SE. Dophin Operating Co., Inc. #1 Neumann-Parker-Vosholler Unit. Spd. 5-4-77. Comp. 6-10-77. TD 2230'. SWD. Salem, top 1366'. Stubblefield South.

BROWN COUNTY

1S, 1W

32, NW NW NW. De-Kane Oil Co. #1 James L. Wilson. Abd. loc.

2S, 2W

2, SW SE NW. De-Kane Oil Co. #1 McGlasson. Abd. Loc.

20, SE SE NE. De-Kane Oil Co. #1 Eichelberger. Abd. loc.

CHRISTIAN COUNTY

11N, 1E

12, NW SW NW. Rector & Stone Drilg. Co. #1 De Barr. Spd. 6-9-78. Comp. 7-17-78. TD 1570'. IP 7 BOP/7 BW. Benoit, top 1523', MCA. Pana Central. DISCOVERY OF PANA CENTRAL FIELD.

CLARK COUNTY

10N, 13W

Irr. 19, 200'SL, 227'WL, SE. Southern Triangle Oil Co. #1-SWD Marshall Hill. Abd. loc. Martinsville.

Irr. 19, 330'SL, 330'WL, SE SE. Southern Triangle Oil Co. #1 Frank Morgan et al. Spd. 7-6-77. Comp. 11-1-77. TD 2915'. Oil producer, IP not available. Trenton, top 2746', acid & frac. Martinsville.

Irr. 31, 330'NL, 660'EL, NW. M. C. Milam #2 Tomasino. Abd. loc. Martinsville.

Irr. 31, 330'SL, 660'EL, NW NE. M. C. Milam #3 Tomasino. Abd. loc. Martinsville.

11N, 10W

30, 330'SL, 360'EL, NW SE. I. R. Bennett #1 Webster. Spd. 6-15-78. Comp. 7-24-78. TD 2015'. IP 5 BOP/15 BW. Devonian, top 1997', acid. Weaver.

CLAY COUNTY

2N, 7E

13, C S/2 SE NE. Hagen Oil Inc. #1 V. Ullom. OWWO. Was Salem Producer. OTD 3699'. Comp. 9-17-76. Plugged 4-28-78. Recomp. 7-4-78. COTD 3700'. IP 20 BOP. Salem, top 3348'. Clay City Consol.

## CLAY COUNTY (continued)

2N, 7E

14, SE NW SW. John M. Zanetis #5 Henderson. Spd. 6-9-78. Comp. 6-30-78. TD 3605'. IP 15 BOP/15 BW. Aux Vases, top 2955', MCA & Frac. Clay City Consol.

14, NE NW SW. John M. Zanetis #6 Henderson. Spd. 6-15-78. Comp. 7-9-78. TD 3015'. IP 25 BOP/0 BW. Aux Vases, top 2967'. Clay City Consol.

14, NW SE SW. John M. Zanetis #5 Arvilla Stanford. Spd. 5-29-78. Comp. 6-10-78. TD 3600'. IP 75 BOP/0 BW. Aux Vases, top 2954', MCA & Frac. Clay City Consol.

14, NE SE SW. John M. Zanetis #6 Arvilla Stanford. Spd. 5-21-78. Comp. 6-1-78. TD 3000'. IP 35 BOP/0 BW. Aux Vases, top 2952', MCA & Frac. Clay City Consol.

2N, 8E

9, C S/2 NW SW. Larry A. Hudson #1 H. Staley. Spd. 3-2-78. Comp. 6-7-78. TD 3690'. IP 35 BOP/10 BW. Salem, top 3638', MCA. Clay City Consol.

3N, 6E

16, 430' SL, 330' WL, NW. R. Michael Harris, Inc. #1 Mearns. Spd. 6-26-78. Comp. 7-6-78. TD 3660'. D&A. Salem, top 3180' (approx.). Kenner North.

3N, 7E

17, C N/2 NW NE. Hagen Oil Co. #1 A. Sehie. Spd. 10-1-76. Comp. 7-25-78. TD 3660'. IP 40 BOP. McClosky, top 2970', MCA; Salem, top 3264', MCA. Sailor Springs Consol.

4N, 6E

17, SE SE SE. McKinney Oil Producer, Inc. #1 Green. Spd. 7-9-78. Comp. 7-13-78. TD 2865'. D&A. Ste. Genevieve, top 2795'. Louisville.

20, NW NE NW. McKinney Oil Producer, Inc. #3 Arnold. Spd. 6-13-78. Comp. 7-25-78. TD 2820'. IP 20 BOP. McClosky, top 2807', acid. Louisville.

20, NE NW NW. McKinney Oil Producer, Inc. #2 Smith. OWWO. Was Hanson Oil #1 Smith. Was D&A. OTD 2805'. Comp. 6-4-77. Recomp. 7-25-78. COTD 2830'. IP 7 BOP. McClosky, top 2797'. Louisville.

4N, 7E

34, NE SW NW. Hagen Oil Co. #1-B L. Hagen. OWWO. Was Hagen Oil Co. #1-B L. Hagen. Was plugged Ohara producer. OTD 3030'. Comp. 3-23-76. Recomp. 7-11-78. COTD 2940'. D&A. Aux Vases, top 2886'. Sailor Springs Consol.

CLINTON COUNTY

2N, 2W

Irr. 19, 1660'NL, 1320'EL, NW. John F. Dunnill #1 Quip Industries.  
 Spd. 5-19-78. Comp. 7-18-78. TD 1199'. IP 15 BOP/trace water.  
 Benoist, top 1196'. Carlyle East.

COLES COUNTY

12N, 7E

11, NE NW NE. James R. Covington #2-C Herkimer. Spd. 7-10-78  
 Comp. 7-14-78. TD 2010'. D&A. Spar mountain, top 1957'.  
 Mattoon.

13N, 7E

35, SW SE SW. Telex Oil & Gas Co. #1 Corbin. Spd. 5-30-78. Comp.  
 7-18-78. TD 3150'. Shut in gas well - no gauge. Devonian,  
 top 3175'. Mattoon.

CRAWFORD COUNTY

5N, 12W

Irr. 2, 330'SL, 330'EL, NE. William E. Lampley #1 Midgett. Spd.  
 9-30-77. Comp. 7-4-78. TD 1672'. IP 15 BOP/15 BW. Aux Vases,  
 top 1586', acid. Main Consol.

Irr. 2, 330'SL, 990'WL, NW SE. William E. Lampley #1 Winbun. Spd.  
 11-7-77. Comp. 7-4-78. TD 1645'. IP 27 BOP/20 BW. Aux Vases,  
 top 1583', Frac. Main Consol.

Irr. 3, 990'NL, 330'WL, NE. Jack L. Dunlap #2-D Washington Parker.  
 Spd. 11-14-77. Comp. 7-4-78. TD 1081'. IP 3 BOP/some water.  
 Robinson, top 1070', shot. Main Consol.

6, 400'SL, 330'WL, NE SE. B. W. Bell #1-A O. Simmons. Spd. 11-3-77.  
 Comp. 7-4-78. TD 1410'. IP 10 BOP/lots water. Robinson, top  
 958', Frac; Pennsylvanian, top 1166', acid & Frac; Bethel,  
 top 1380', MCA & Frac. Main Consol.

7, SE NW NW. Energy Resources of Indiana, Inc. #1 Savilla Rosborough.  
 Spd. 1-13-78. Comp. 7-5-78. TD 1542'. D&A. McClosky, top  
 1512'. Main Consol.

5N, 13W

2, 330'NL, 1000'EL, SE. Energy Resources of Indiana, Inc. #5 Richart  
 Heirs. Spd. 4-24-78. Comp. 7-25-78. TD 1344'. IP 4 BOP/79 BW.  
 Robinson, top 814', Frac & MCA. Main Consol.

6N, 12W

20, C W/2 SE SE. Reiter Oil Development #3 Bill Reinoehl. Spd. 11-4-77.  
 Comp. 7-4-78. TD 1494'. IP 35 BOP/10 BW. Aux Vases, top 1490',  
 Frac. Main Consol.

6N, 13W

11, SE SW NW. Northwest Oil and Gas #1-A C.L. Bechtel. Spd. 4-1-78.  
 Comp. 7-4-78. TD 1350'. IP 8 BOP/8 BW (est). Pennsylvanian,  
 top 870'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

11, SW SE NW. Northwest Oil & Gas #2 C.L. Bechtell. Spd. 4-8-78. Comp. 7-4-78. TD 1042'. IP 20 BOP (est). Robinson, top 870', acid. Main Consol.

34, NE NW SE. E. L. Whitmer, Inc. #1 Hardin et al. Comm. Spd. 8-12-77. Comp. 7-25-78. TD 1070'. IP 3 BOP/10 BW. Robinson, top 887', Frac. Main Consol.

34, 330'NL, 380'WL, NE SE. E. L. Whitmer, Inc. #2 Trump et al. Comm. Spd. 7-28-77. Comp. 11-15-77. TD 1051'. IP 2 BOP/15 BW. Robinson, top 868'. Main Consol.

7N, 11W

34, 330'NL, 380'WL, SW SW. Fair-Rite Products Corp. #1-A Fair-Rite Comm. Spd. 6-20-78. Comp. 7-25-78. TD 690'. Temp. abd. Pennsylvanian, top 539'. WN-Main Consol.

7N, 12W

9, NE NW SE. Triple "B" Oil Prod., Inc. #2-B S. D. Meserve. Spd. 5-18-78. Comp. 7-18-78. TD 1121'. IP 4 BOP/some water. Robinson, top 1086', Frac. Main Consol.

9, NW NW SE. Triple "B" Oil Prod., Inc. #3-B S. D. Meserve. Spd. 5-20-78. Comp. 7-18-78. TD 1120'. IP 4 BOP/some water. Robinson, top 1075', Frac. Main Consol.

9, SW NW SE. Triple "B" Oil Prod., Inc. #4-B S. D. Meserve. Spd. 5-22-78. Comp. 7-18-78. TD 1120'. IP 4 BOP/some water. Robinson, top 1067', Frac. Main Consol.

10, 330'NL, 331'WL, SE NW. Mason Oil Co. #15 Floyd R. & Norma I Osborn. Spd. 7-18-77. Comp. 7-25-78. TD 1105'. IP 10 BOP/lots water. Robinson, top 994'. Main Consol.

16, NW NW SW. Billy R. Rector #1 Inez Blaker et al. Spd. 9-20-77. Comp. 7-4-78. TD 1063'. IP 4 BOP. Robinson, top 1006', Frac. Main Consol.

7N, 13W

22, NE NE NE. Petroleum Exploration Co. #2-A Raymond C. & Sarah Henry. Spd. 5-12-78. Comp. 5-16-78. TD 1150'. D&A. Pennsylvanian, top 1092'. Main Consol.

EDGAR COUNTY

12N, 14W

11, SE NW SE. Earnest Zink #2 Wheeler-Leming Com. Spd. 5-25-78. Comp. 7-4-78. TD 465'. IP 300 MCF. Pennsylvanian, top 455'. Inclose.

EDWARDS COUNTY

2S, 10E

26, NW SW NE. W. H. Kinsell #4 J. Roosevelt. Spd. 1-4-78. Comp. 7-4-78. TD 3922'. IP 25 BOP (est). Aux Vases, top 3150'; McClosky, top 3250'. Ellery East. MCCLOSKY NEW PAY IN FIELD.

3S, 10E

3, NW NW NW. C.E. Brehm Drdg. & Prod. #2 Hallam. Spd. 7-15-78. Comp. 7-22-78. TD 3432'. D&A. Ste. Genevieve, top 3205' (approx). Ellery East.

3S, 14W

9, 370'NL, 330'WL, NW NE. Ram Oil Co. #1 Chester Siegert et al. unit. Spd. 6-8-78. Comp. 7-4-78. TD 3630'. D&A. Salem, top 3462'. WN-Albion East.

EFFINGHAM COUNTY

6N, 6E

33, 380'NL, 330'WL, SW NW. Harold E. Davis #1 Thompson. OWWO. Was Merco Corp. Was D&A. OTD 2944'. Comp. 7-7-68. Recomp. 6-7-78. COTD 1030'. Junked hole. WN-Hord No.

9N, 4E

30, SE NE SE. Tri-Star Prod. Co., Inc. #1 Davis Comm. Spd. 12-1-77. Comp. 7-4-78. TD 3141'. Temp. Abd. Devonian, top 3129'. Louden.

30, 360'SL, 405'EL, SW SE. Tri-Star Prod. #1 Roy Miller. Spd. 4-1-77. Comp. 7-4-78. TD 3162'. D&A. Sylamore, top 3119'. Louden.

FAYETTE COUNTY

7N, 3E

29, NW NW NW. Exxon Corp. #1 Lewis Ripley. Conversion. Was Cypress producer. Comp. 12-16-77. COTD 1605'. Water input. Cypress, top 1556'. Louden.

9N, 3E

25, NW NE SE. John Carey Oil Co., Inc. #4 Larimore. Spd. 2-14-78. Comp. 7-4-78. TD 3129'. IP 42 BOP. Devonian, top 3106', nat. Louden.

HAMILTON COUNTY

5S, 7E

15, NE NW NW. Royalco, Inc. #1 Wooten "A". OWWO. Was Magnolia Petro. Co. #1 Wooten "A". Was plugged Aux Vases Producer. Comp. 12-27-45. Recomp. 6-25-78. COTD 1405'. Junked hole. Thackeray.

6S, 7E

9, SW NW SE. Victor R. Gallagher #1 Sam Atkinson. Spd. 6-16-78. Comp. 6-22-78. TD 3348'. D&A. Ste. Genevieve, top 3216'. WN-Dale Consol.

HAMILTON COUNTY (continued)

6S, 7E

21, NE NE SW. Ernest Sherman #1 Lucille Hamor. Spd. 4-15-78. Comp. 6-27-78. TD 4253'. IP 25 BOP. Ullin, top 4230', MCA. Dale Consol.

34, NW SE SE. F. E. Frassato #2 English Heirs. Spd. 5-3-78. Comp. 7-11-78. TD 3301'. IP 72 BOP/trace water. McClosky, top 3280'. Broughton. EXTENSION TO FIELD.

34, SE SW SE. F. E. Frassato #3 English Heirs. Spd. 6-3-78. Comp. 7-11-78. TD 3300'. Temp. Abd. McClosky, top 3266'. WN-Broughton.

35, SW NW SW. Ernest Sherman #1 Howard-Spence Unit. Spd. 6-13-78. Comp. 6-22-78. TD 3316'. D&A. St. Louis, top 3280' (approx). WN-Broughton.

JEFFERSON COUNTY

1S, 4E

8, NW SW NE. Fletcher F. Farrar #1 Harold French. Spd. 6-14-78. Comp. 7-25-78. TD 3350'. D&A. Salem, top 3070'. WN-Divide Consol.

3S, 1E

17, NW SW NW. Ego Oil Co., Inc. #2 Richard Kujawa. Spd. 7-23-77. Comp. 8-9-77. TD 3875'. D&A. Devonian, top 3707'. WF.

4S, 4E

9, SE NE SW. C. E. Brehm Drlg. & Prod. #1 Nolan. Spd. 6-26-78. Comp. 7-1-78. TD 3353'. D&A. Ste. Genevieve, top 3180' (est). WF.

17, SW NE NW. C. E. Brehm Drlg. & Prod. #1 Whisenhunt. Spd. 7-3-78. Comp. 7-8-78. TD 3278'. D&A. Ste. Genevieve, top 3135' (approx). WF.

LAWRENCE COUNTY

3N, 13W

11, SE SE NE. S. D. & L. Oil Producers #1 E. Wheeler. Spd. 2-28-78. Comp. 7-25-78. TD 2260'. IP 10 BOP/40 BW. McClosky, top 2237', MCA & Frac. Lawrence West.

12, SW NW SW. Black and Black Oil Co. #1 F. C. Harper Comm. Spd. 5-5-78. Comp. 6-20-78. TD 2241'. IP 60 BOP/0 BW. McClosky, top 2210', Frac. Lawrence West.

13, 1310'NL, 1320'WL, NE. Bridgeport Drlg. Co. #1-WI Sumner-Griggs Comm. Spd. 2-25-78. Comp. 7-10-78 (est). TD 2176'. Water input. Ohara, top 2033'. Lawrence.

4N, 10W

29, 330'NL, 350'EL, SW NW. Schlensker Drlg. Corp. #1A James Funk. Spd. 7-19-77. Comp. 7-26-77. TD 2255'. D&A. Ullin, top 2209' (approx). WN-Russellville.

LAWRENCE COUNTY (continued)

4N, 13W

• 24, SE NW SW. C.E.R. Production Co. #1 Aldridge. Spd. 1-20-78. Comp. 7-25-78. TD 2060'. IP 3 BOP. St. Louis, top 1952', MCA & Acid. Lawrence.

31, NW SE SW. Black & Black Oil Co. #2 R. Baker. Spd. 7-10-78. Comp. 7-21-78. TD 3443'. D&A. Salem, top 3105' (approx). WF.

MACOUPIN COUNTY

7N, 6W

34, NE NE SW. Kady-R Oil Co. #1 Ray Schuette. Spd. 6-14-78. Comp. 6-22-78. TD 575'. D&A. Pennsylvanian, top 530' (approx). WF.

8N, 8W

18, SW SW NE. Cole Energy Dev. Co. #1 Pointer. Spd. 6-7-78. Comp. 6-7-78. TD 418'. Shut in gas well. Pennsylvanian, top 384'. Plainview.

MADISON COUNTY

6N, 6W

Irr. 30, 629'NL, 985'EL, NE. Joseph Foucek #22 Albrecht. Spd. 7-15-76. Comp. 7-26-76. TD 550'. D&A. Cypress, top 546'. Livingston.

MARION COUNTY

1N, 1E

4, NE NW NE. Cecil W. Newcomb #1 Robert Vogt. Spd. 6-1-78. Comp. 7-25-78. TD 1968'. IP 8 BOP. Cypress, top 1656'. Langewisch-Kuester.

1N, 4E

35, NW SW SW. Black Hawk Resources Corp. #17-35 Irvin Stanford et al. Spd. 4-10-78. Comp. 6-6-78. TD 3450'. IP 41 BOP/45 BW. Spar Mountain, top 2798', acid. Hickory Hill. EXTENSION TO FIELD.

MONROE COUNTY

1S, 10W

35, SE SW SW. John W. Kelly #1 Edwin Ries. Spd. 9-1-77. Comp. 4-15-78. TD 400'. IP 15 BOP/15 BW. Trenton, top 390', MCA. Waterloo.

35, SW NW SE. John W. Kelly #1 Schmidt-Theobald Comm. Spd. 2-23-77. Comp. 2-25-77. TD 570'. Temp. Abd. Trenton, top 420'. Waterloo.

35, NE SW SW. John W. Kelly #3 Theobald. Spd. 2-21-77. Comp. 2-26-77. TD 385' (est). IP 12 BOP/20 BW. Trenton, top 378', MCA. Waterloo.

35, SE NW SW. John W. Kelly #4 Theobald. Conversion. Was Trenton water input well. Comp. 10-30-77. COTD 520'. IP 6 BOP/15 BW. Trenton, top 405'. Waterloo.

35, SE NE SW. John W. Kelly #8 Theobald. Spd. 2-26-77. Comp. 2-28-77. TD 486'. Temp. Abd. Trenton, top 466'. Waterloo.

MONROE COUNTY (continued)

1S, 10W

35, 292' SL, 300' EL, SW NE SW. John W. Kelly #9 Theobald. Spd. 2-15-77. Comp. 4-15-77. TD 456'. IP 3 BOP/35 BW. Trenton, top 425', MCA. Waterloo.

2S, 10W

11, SW NW NE. John W. Kelly #3 Ralph Kolmer. Spd. 10-25-76. Comp. 4-5-77. TD 410'. IP 2 BOP/50 BW. Trenton, top 390'. Waterloo.

MONTGOMERY COUNTY

7N, 5W

3, SE SE NW. M. Mazzarino #1 Monke. Spd. 7-4-78. Comp. 7-19-78. TD 660'. D&A. Pennsylvanian, top 590'. WF.

8N, 5W

22, NE NW NE. MP Gas & Oil Exploration #2 Klekamp. Spd. 1967. Comp. 1967. TD 669'. D&A. Pennsylvanian, top 600' (approx). Litchfield South.

RICHLAND COUNTY

2N, 14W

20, 677' SL, 720' EL, NE. Viking Oil Co., Inc. #1-SWD Childs Trust. OWWO-conversion. Was the Ohio Oil Co. #1 Childs. Was plugged McClosky producer. Comp. 9-14-43. Recomp. 4-20-78. COTD 3160'. SWD. Tar Springs, top 2500'. Parkersburg Consol.

4N, 9E

34, NW SE SW. Robison Oil Co. #2 Stine. Spd. 7-3-78. Comp. 7-9-78. TD 3075'. D&A. Ste. Genevieve, top 2940' (approx). Clay City Consol.

4N, 10E

10, SW SE NE. J. E. Brown #1 D. Sterchi. Abd. loc. Olney Consol.

5N, 10E

33, SW NE SW. John M. Zanetis #A-1 L. Foster. Spd. 7-9-78. Comp. 7-13-78. TD 2930'. D&A. Ste. Genevieve, top 2860' (approx). Clay City Consol.

ST. CLAIR

2N, 6W

15, 990' SL, 940' EL, SE. Elmer Oelze, Jr. #1 John Faust. Spd. 7-10-78. Comp. 7-11-78. TD 830'. D&A. Aux Vases, top 800' (approx). WF.

SANGAMON COUNTY

15N, 2W

Irr. 5, 330' SL, 330' EL, SW NE. John Carey Oil Co., Inc. #1 Bernotas. Spd. 6-30-78. Comp. 7-4-78. TD 1847'. D&A. Silurian, top 1810' (approx). Roby East.

15N, 4W

34, 330' NL, 780' EL, SE SE. Emil Krachik #10 Carter. Spd. 7-14-78. Comp. 7-18-78. TD 1730'. D&A. Silurian, top 1660' (approx). New City.

SHELBY COUNTY

10N, 4E

22, C W/2 SE NW. Crossroads Oil, Inc. #1-A Miller. Spd. 12-22-76.  
 Comp. 7-25-78. TD 1812'. Oil producer, IP not available. Bethel,  
 top 1720'. Mode.

WABASH COUNTY

1N, 12W

20, 330' SL, 430' EL, NE SE. Francis L. Beard, Sr. #2 V. M. Reed.  
 Spd. 5-11-78. Comp. 7-4-78. TD 2310'. IP 15 BOP. Cypress, top  
 1998', acid & frac; Ohara, top 2295'. Allendale

Irr. 30, 330' SL, 330' WL, NW NE. Higgins Oil Co. #1 Trapp-Liddle Unit.  
 Spd. 7-6-78. Comp. 7-9-78. TD 1650'. D&A. Biehl, top 1610'  
 (approx). Allendale.

2N, 12W

32, SW SE NW. Jack L. Elliott #1 French-Corrie Unit. Spd. 6-19-78.  
 Comp. 6-29-78. TD 2370'. D&A. Ste. Genevieve, top 2290'  
 (approx). Allendale.

1S, 13W

6, SE NW SE. Southern Triangle Oil Co. #1 Herman Steckler et al.  
 Spd. 6-15-78. Comp. 6-30-78. TD 2890'. D&A. Ste. Genevieve,  
 top 2730'. New Harmony Consol.

34, NW NE SW. Hocking Oil Co., Inc. #1 Clara Alka. Spd. 7-7-78.  
 Comp. 7-14-78. TD 3350'. D&A. Salem, top 3035' (approx). New  
 Harmony Consol.

2S, 13W

10, NW SW NW. Hocking Oil Co., Inc. #1 Lovellette Heirs. Spd. 6-21-78.  
 Comp. 7-1-78. TD 3450'. D&A. Salem, top 3200' (approx). New  
 Harmony Consol.

Irr. 31, 330' NL, 330' EL, NW SE. Sigma Oil Co. #3 B & A. Shultz. Spd.  
 6-3-78. Comp. 7-25-78. TD 2858'. Oil producer, IP not available.  
 Cypress, top 2454', Frac. New Harmony Consol.

WASHINGTON COUNTY

1N, 2W

36, C NE SW. Texas Pacific Oil Co., Inc. #1 Freida Twenhafel. Spd.  
 7-5-78. Comp. 7-11-78. TD 1723'. D&A. Salem, top 1701' (approx).  
 WF.

WAYNE COUNTY

1N, 8E

9, NW NE SE. Booth Oil Co., Inc. #1-A Taylor. Spd. 6-27-78. Comp.  
 7-6-78. TD 3710'. D&A. Salem, top 3400' (approx). Clay City  
 Consol.

11, SE NW NE. Black Hawk Resources Corp. #62-11 Elmo Dehart. Spd.  
 4-20-78. Comp. 7-4-78. TD 3850'. IP 93 BOP/110 BW. Salem,  
 top 3478', Frac & Acid. Clay City Consol.

## WAYNE COUNTY (continued)

2N, 7E

23, C E/2 NW NW. Hubert W. Rose #2 Staley Comm. Spd. 5-1-78. Comp. 5-29-78. TD 3615'. IP 98 BOP/35 BW. Aux Vases, top 2949', Frac; McClosky, top 3042', Acid. Clay City Consol.

2N, 8E

36, NW SW NW. Republic Oil Co., Inc. #1 Camp. Spd. 7-5-78. Comp. 7-12-78. TD 3800'. D&A. Ullin, top 3770' (approx). Clay City Consol.

2N, 9E

35, SW SE SE. John M. Zanetis #1-C Meadows. Spd. 7-1-78. Comp. 7-7-78. TD 3330'. D&A. Ste. Genevieve, top 3215' (approx). Calhoun South.

1S, 5E

34, 360'NL, 330'WL, SW NE. Collins Brothers Oil Co. #1 IBM-Farms-Shaeffer-Greenwalt. Spd. 9-13-77. Comp. 11-4-77. TD 3820'. IP 46 BOP/100 BW. Salem, top 3625'. Keenville.

1S, 6E

22, NE NE SE. Texaco, Inc. #6 A. L. Harlan N.C.T. Spd. 6-3-78. Comp. 7-25-78. TD 3838'. IP 25 BOP/37 BW. Salem, top 3558'. Johnsonville South.

1S, 7E

8, NW NE NE. Dae V. Love #2 I. M. Ayres. Spd. 9-14-77. Comp. 6-27-78. TD 3253'. Temp. abd. Ohara, top 3212'. Clay City Consol.

Irr. 30, 330'NL, 330'WL, NE. Donald E. Schmitt #2 F. E. Manahan. Spd. 5-10-78. Comp. 7-25-78. TD 3244'. IP 15 BOP/38 BW. Aux Vases, top 3128', Acid & Frac. Clay City Consol.

1S, 9E

Irr. 5, 330'SL, 330'EL, SE. Perry Fulk #1 Percy Borah. Spd. 4-26-78. Comp. 6-27-78. TD 3385'. IP 33 BOP. Spar Mountain, top 3374'. Locust Grove South.

2S, 7E

3, 330'NL, 920'WL, SW SE. Van Fossan Oil Assoc. #2 Vada Bunting. Spd. 4-28-78. Comp. 7-11-78. TD 3846'. IP 140 BOP. St. Louis, top 3354', acid. Clay City Consol.

2S, 8E

34, 630'NL, 350'EL, SE. Bernard Podolsky #1 Dunscombe. Spd. 6-28-78. Comp. 7-9-78. TD 4264'. D&A. Ullin, top 4160' (approx). Barnhill.

2S, 9E

23, C N/2 SE NW. J.C. Shumaker, Trustee #1 Lois Gill. Spd. 6-25-78. Comp. 7-5-78. TD 4043'. D&A. Ullin, top 4000' (approx). Goldengate Consol.

WAYNE COUNTY (continued)

3S, 6E

7, SE SE SE. Comanche Oil Corp. #2 Meyers. Spd. 6-1-78. Comp. 7-18-78. TD 4252'. D&A. Ullin, top 4130'. Mayberry.

3S, 9E

6, NW SE SW. Perry Fulk #1 Lowell Hunley. Spd. 6-16-78. Comp. 6-28-78. TD 4340'. D&A. Ullin, top 4170' (approx). Goldengate Consol.

6, 360'NL, 990'EL, NW SE. Jerry E. Friend #1 M. Moore. Spd. 11-29-77. Comp. 7-11-78. TD 3512'. IP 10 BOP/20 BW. Aux Vases, top 3316', MCA & Frac. Goldengate Consol.

WHITE COUNTY

3S, 8E

21, NE NE NE. Black Hawk Resources Corp. #81-21 G. R. Locke. Conversion. Was Black Hawk Resources Corp. #81-21 G. R. Locke. Was Temp. Abd. OTD 4371'. Comp. 2-25-77. Recomp. 9-13-77. COTD 3400' (approx). Water input. Aux Vases, top 3364'. Barnhill.

3S, 9E

28, NW NE SW. Absher Oil Co. #1 Owen Matz. OWWO & OWDD. Was N. V. Duncan #1 Natz. Was D&A. OTD 3387'. Comp. 4-13-54. Recomp. 6-27-78. TD 4265. IP 20 BOP. Salem, top 3884', MCA. Goldengate Consol.

4S, 8E

10, C W/2 SW NW. S.E. Illinois Oil Production Co. #1 Brown and Rankin Comm. Spd. 7-10-78. Comp. 7-24-78. TD 4470'. D&A. Ullin, top 4390' (approx). WF.

27, NE NE SE. RK Petro. Corp. #1 Claire Williams et al. Spd. 7-5-78. Comp. 7-9-78. TD 3523'. D&A. McClosky, top 3480' (approx). WN-Springerton South.

29, SW NE SW. Perry Fulk #3 Foley et al. Comm. Spd. 4-13-78. Comp. 7-11-78. TD 3402'. IP 35 BOP. Aux Vases, top 3399', MCA. Springerton South.

29, SE NE SW. Perry Fulk #4 Foley et al. Comm. Spd. 4-6-78. Comp. 5-31-78. TD 3410'. IP 70 BOP. Aux Vases, top 3407', Frac. Springerton South.

32, SW NE SE. RK Petro. Corp. #9 Warthen Comm. Abd. loc. Springerton South.

4S, 9E

12, SE SW SE. C.E. Brehm Drdg. & Prod. #1 Brown "A". Spd. 7-3-78. Comp. 7-14-78. TD 4088'. D&A. Ullin, top 4030' (approx). Centerville East.

WHITE COUNTY (continued)

4S, 13W

19, 3562'NL, 751'WL Sec. Gene Michel #4 Hagedorn. Spd. 7-13-78. Comp. 7-25-78. TD 1880'. Water input. Degonia, top 1871'. Black River.

4S, 14W

8, 430'SL, 330'WL, NE NE. Oil Management, Inc. #1 Cox. Spd. 7-6-78. Comp. 7-17-78. TD 3852'. D&A. Ullin, top 3830' (approx). New Harmony Consol.

5S, 8E

4, NW NW SE. RK Petro. Corp. #3 Earl Mobley. Spd. 6-16-78. Comp. 7-25-78. TD 3329'. IP 75 BOP/20 BW. Aux Vases, top 3313', Acid, Frac & Frac. Enfield North.

8, SE NE NE. C.E. Brehm Drdg. & Prod. #1 Preston Comm. Spd. 7-5-77. Comp. 7-11-77. TD 3525'. D&A. Ste. Genevieve, top 3415'. Enfield North.

5S, 9E

Irr. 18, 330'NL, 430'WL, SW SE. Absher Oil Co. #3 Burkhard. Spd. 6-10-78. Comp. 6-28-78. TD 4180'. D&A. Ullin, top 4040' (approx). Trumbull Consol.

5S, 14W

7, NE SW SE. Viking Oil Co. #1 Greg Kempf. OWWO-OWDD. Was Lohman & Johnson #3 Ford. Was D&A. OTD 3035'. Comp. 11-29-51. Recomp. 6-8-78. DTD 4543'. IP 5 BOP. Salem, top 3674', Acid. New Harmony Consol.

6S, 8E

30, NW SE SW. Duke Resources Corp. #1 Harper-West Comm. Spd. 4-7-78. Comp. 7-25-78. TD 4400'. Temp. Abd. Warsaw, top 4131'. Norris City West.

32, SE SW NE. J. D. Turner #1 Theron Johnson. Spd. 7-10-78. Comp. 7-18-78. TD 3202'. D&A. Ste. Genevieve, top 3055' (approx). Roland Consol.

6S, 10E

16, SE SE NW. W. R. Tuley #1 Holmes Brockett. Spd. 6-15-78. Comp. 6-25-78. TD 4111'. D&A. Ullin, top 3920' (approx). Concord Consol.

7S, 8E

9, NE NW NE. Sun Oil Co. #6 Roland West Unit Tr. 8. Conversion. Was Sun Oil Co. #6 Okerson. Was Aux Vases producer. Comp. 6-21-78. COTD 2875'. Water input. Cypress, top 2626'; Bethel, top 2726'. Roland Consol.

WILLIAMSON COUNTY

8S, 4E

20, SE SE SW. C.E. Brehm Drdg. & Prod. #3 Tidwell. Spd. 6-11-78. Comp. 6-17-78. TD 2915'. D&A. Ste. Genevieve, top 2895' (approx). Corinth.

## PRODUCING WELL PLUGGINS RECEIVED BY SURVEY THROUGH JULY 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CLAY COUNTY

12-2N-7E, 330'NL, 430'EL, SE SE. Union Oil Co. of California #1 E. P. Bunn. 3135'. 7-7-78. Clay City Consol.  
 4-3N-7E, 330'SL, 330'EL, SW SE. Hagen Oil Co. #1 Armstrong. 3075'. 7-5-78. Sailor Springs Consol.  
 22-3N-8E, 360'NL, 330'EL, NW NW. Snyder Drlg. & Well Service Co. #1 H. Brisenden. 3090'. 7-17-78. Clay City Consol.  
 5-4N-5E, SE SW NW. Egley & Yocom Oil Properties #4 Hoffman. 2278'. 6-29-78. Iola Central.  
 3-4N-7E, 330'SL, 330'EL, SW SE. Shelby A. Britton #1 F. Wolfe. 2987'. 7-6-78. Sailor Springs Consol.  
 10-4N-7E, SW NE SW. Perry Fulk #1 Ruth Leonard, formerly McCollum & Kincaid. 3002'. 7-11-78. Sailor Springs Consol.  
 15-4N-7E, 395'NL, 395'WL, NE NE. Socony Mobil Oil Co. #W-5 North Hoosier Unit, formerly S. E. Pfeifer #1 Kidwell. 2969'. 7-13-78. (water input, formerly a producer). Sailor Springs Consol.  
 25-4N-7E, 330'NL, 330'WL, SW NW. James C. Franklin #2 Dillman Heirs. 3018'. 7-14-78. Sailor Springs Consol.  
 10-5N-5E, 990'NL, 380'WL, NE NE. Tom Kiernan #2 Fairclough. 2454'. 6-26-78. Iola Consol.  
 33-5N-5E, 330'NL, 330'EL, SE NW. Pollack Bros. Oil Co. #2 A. Lewis. 2447'. 6-30-78. Iola Central.  
 33-5N-5E, NW SW NE. Jabe Anderson #1 V. Lewis. 2729'. 7-7-78. Iola Central.

## FAYETTE COUNTY

6-7N-3E, SW NW NW. W. B. Johnson Drlg. Co. #1 Roll & Verna Dial. 1571'. 7-3-78. Louden.  
 6-7N-3E, 1214'NL, 244'WL, NW. Doran Oil Properties #2 Roll & Verna Dial, formerly W. B. Johnson Drlg. Co. 1544'. (water input, formerly a producer). Louden.  
 Irr. 19-7N-3E, 990'SL, 330'WL, NW SE. L. B. Hoss Trust #8 Arnold. 1582'. 6-27-78. Louden.  
 19-7N-3E, 660'NL, 1713'WL, SW NW. W. B. Johnson Drlg. Co. #6 I. W. Arnold 1568'. 6-29-78. Louden.  
 22-9N-3E, NW SE SW. Louis H. Kapp, Jr. #1 Goldie Wills. 3263'. 7-20-77. Holliday.

## GALLATIN COUNTY

19-7S-10E, NE SE NW. Collins Bros. Oil Co. #3 George T. Wilson. 3035'. 7-19-78. Herald Consol.

## JEFFERSON COUNTY

14-2S-4E, NW NE NW. Petro. Exploration & Develop. #1 Breeze-Hughes. 3035'. 6-19-78. Oakdale.  
 23-2S-4E, 330'NL, 330'EL, NW NW. Eastern Petro. Co. #5 Gibson. 3055'. 7-21-78. Oakdale.  
 23-2S-4E, SW NW NW. Eastern Petro. Co. #6 Gibson. 3060'. 7-19-78. Oakdale.

## SALINE COUNTY

36-7S-6E, NE SW NE. Illinois Mid-Continent & Dee Drdg. Co. #1 Hill  
Heirs. 3005'. 6-23-78. Raleigh.

## WABASH COUNTY

8-1N-12W, 775'SL, 330'WL, SE. Charles E. Carr #1 Lee Shaffer. 1549'.  
6-22-78. Allendale.

## WAYNE COUNTY

10-1S-8E, NE NW NE. Pure Oil Co. #2 G. R. Elliott. 3206'. 7-5-78.  
Clay City Consol.

22-1S-8E, SE NW SW. Kenneth C. Bell #B-1 L. E. Borah, formerly M. H.  
Caldwell. 3245'. 6-26-78. Clay City Consol.

17-2S-9E, 330'NL, 330'EL, NW SW. Donald B. Schmitt #1 Wm. Loehr et al.,  
formerly Illinois Mid-Continent Co. #1 Odom-Day Comm. 3510'. 7-7-78.  
Goldengate North Consol.

## WHITE COUNTY

18-5S-9E, NW SW SE. Gulf Refining Co. #1 Henry W. Burkhard. 2866'.  
7-21-78. Trumbull Consol.

16-5S-14W, SW NE SE. Inland Producers, Inc. #4 J. L. Brown. 2277'.  
7-19-78. New Harmony Consol.

4-7S-8E, SE SE SW. Sun Oil Co. #1 Grace Bray, formerly Jack Hinkle Drdg.  
Co., originally Aurora Gasoline Co. 3124'. 4-12-78. (oil well,  
formerly a water input, originally a producer). Roland Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Circ. 453. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-71. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).



## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	



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Geol Survey

State of Illinois  
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

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MONTLILY REPORT

O I L   A N D   G A S   D R I L L I N G  
I N   I L L I N O I S

Jacob Van Den Berg



4



DISCOVERIES

New Fields

None

New Pay Zones in Fields

ELDORADO WEST. Saline County, 24-8S-6E, No. 6 Coal at 388, approx. Discovery well, Larry J. Barrett 1 Farris, IPF 104,000 cu. ft. gas.

SPRINGERTON SOUTH. White County, 29-4S-8E, McClosky at 3,488'. Discovery well, Perry Fulk 4 Hendershott et al Unit, IP 125 BOP from Aux Vases and McClosky.

Extensions

None

TABLE 1

New Pools Discovered from September 1977 through August 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>September 1977</u>			<u>March</u>		
Cooperstown (gas) Brown County	1S	2W	Wayne City Wayne County	2S	6E
<u>October</u>			<u>April</u>		
None			None		
<u>November</u>			<u>May</u>		
Holliday Fayette County	9N	3E	Norris City West White County	6S	8E
Illiopolis Sangamon County	16N	2W	<u>June</u>		
<u>December</u>			None		
Spring Garden Jefferson County	4S	3E	<u>July</u>		
<u>January 1978</u>			Pana Central Christian County	11N	1E
None			<u>August</u>		
<u>February</u>			None		
None					

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in Thousands of Barrels		
	Field Wells	Discoveries		Newly Drilled	Reworked		Total New Tests	New	of Barrels
		Field	Ext.	Holes	Dry Holes	Field Wells			
<u>1977</u>									
Jan.	41(1)	0	0	37	4(1)	16	2	3	58
Feb.	33	0	1	34	0	8	3	1	46
Mar.	48(1)	0	1	42(1)	7	17	6	3	69
Apr.	50(1)	0	1	46(1)	5	11	3	5	66
May	59(1)	0	0	54(1)	5	21	10	0	86
June	58(3)	0	1	54(3)	5	32	12	7	103
July	40(1)	0	1(2)	39(3)	2	26	13	3	84
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103
Oct.	53	0	2	46	9	36	9	5	96
Nov.	60(3)	2	2	61(3)	3	27	12	5	108
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036
									25,609
<u>1978</u>									
Jan.	38	0	1	38	1	7	1	2	48
Feb.	55(1)	0	0	52(1)	3	29	9	3	94
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63
Apr.	25	0	2	23	4	7	2	2	34
May	18	1	2	20	1	32	8	5	65
June	44	0	2	42	4	43	11	9	105
July	54(3)	1	2	53(3)	4	37	8	9	110
Aug.	26(2)	0	0	21(2)	5	36	11	6	76

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through July 1978 are from reports received directly from crude gathering companies. The figure for August 1978 is estimated.

TABLE III  
Drilling by Counties, Oil and Gas, August 1978

County	Permits to Drill*	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		OWWO	D&A to Prod.	Conversions			
			Prod.	D&A			New	Were Prod.	Others	
Bond	5	2	-	2	-	-	-	-	-	-
Champaign	1	-	-	-	-	-	-	-	-	-
Christian	-	1	-	1	-	-	-	-	-	-
Clark	6	3	2	-	1	-	-	-	-	-
Clay	13	4	1	3	-	-	-	-	-	-
Clinton	1	1	-	-	-	-	-	1	-	-
Coles	2	2	1	1	-	-	-	-	-	-
Crawford	21	4	2 <sup>+</sup>	2	-	-	-	-	-	-
Edgar	1	2	1	1	-	-	-	-	-	-
Edwards	6	3	1	2	-	-	-	-	-	-
Effingham	2	2	-	2	-	-	-	-	-	-
Fayette	3	-	-	-	-	-	-	-	-	-
Franklin	1	-	-	-	-	-	-	-	-	-
Gallatin	6	2	-	1	-	-	-	1	-	-
Hamilton	7	6	3	3	-	-	-	-	-	-
Hancock	-	1	-	1	-	-	-	-	-	-
Jasper	5	1	1	-	-	-	-	-	-	-
Jefferson	6	2	-	2	-	-	-	-	-	-
Lawrence	11	5	1	3	1	-	-	-	-	-
McDonough	-	1	-	1	-	-	-	-	-	-
Macon	1	-	-	-	-	-	-	-	-	-
Madison	1	3	1	1	-	-	-	1	-	-
Marion	6	1	-	1	-	-	-	-	-	-
Montgomery	2	1	-	1	-	-	-	-	-	-
Randolph	2	1	1	-	-	-	-	-	-	-
Richland	7	2	-	2	-	-	-	-	-	-
St. Clair	-	1	-	1	-	-	-	-	-	-
Saline	2	2	1 <sup>+</sup>	1	-	-	-	-	-	-
Sangamon	1	1	-	1	-	-	-	-	-	-
Wabash	10	4	-	3	1	-	-	-	-	-
Washington	1	2	-	1	-	-	-	1	-	-
Wayne	28	13	3	9	1	-	-	-	-	-
White	19	26	4	7	1	-	6	8	8	-
	177	99	23	53	5	-	8	10	-	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, July 27, 1978 through August 29, 1978.

<sup>+</sup>Gas well

TABLE IV

## Drilling by Counties, Natural Gas Storage, August 1978

County	Permits to drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	2	4	4	-	-	-
Morgan	1	-	-	-	-	-
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	3	4	4	-	-	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois July 27, 1978 through August 29, 1978.

## WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is Available, at no charge, upon request.

## WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

## WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

## OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

## BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

## OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

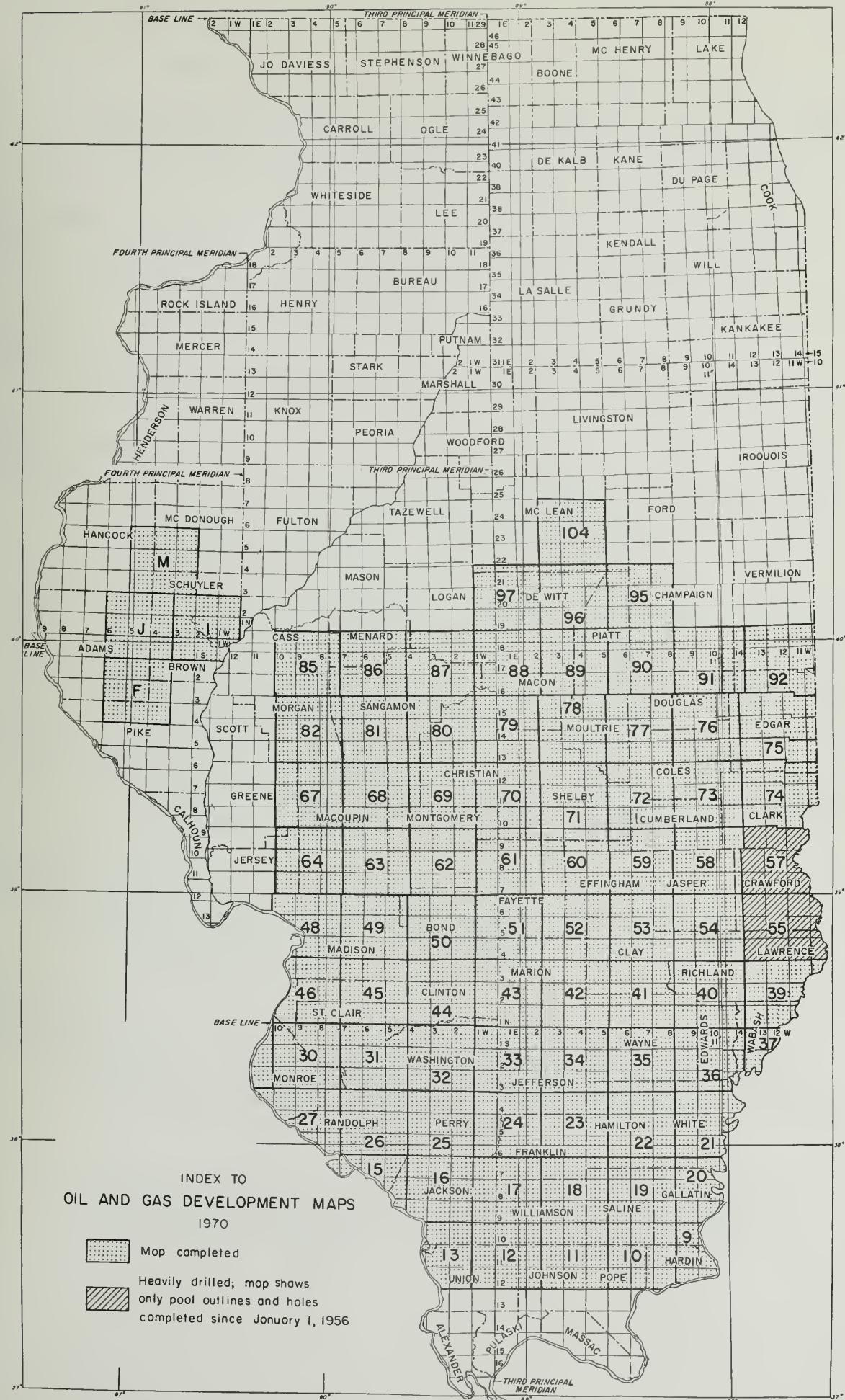
## OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The maps (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Deans's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)





## WELLS COMPLETED FROM JULY 29, 1978 TO AUGUST 25, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

6N, 4W

Irr. 31, 330' SL, 330' EL, SW. Carl Wilson #1 H. G. Stone. Spd. 7-31-78. Comp. 8-9-78. TD 703'. D&A. Pennsylvanian, top not available. Sorento Consol.

7N, 3W

30, SE SW NW. David Allison #1 Sexton. Spd. 5-1-78. Comp. 3-8-78. TD 2950'. Temp. abd. Trenton, top 2388'. Panama.

CHAMPAIGN COUNTY

21N, 7E

5, 131' NL, 65' WL, SE. Peoples Gas Light & Coke Co. #1 V. Sloan. Spd. 2-4-78. Comp. 3-6-78. TD 4218'. Gas injection-withdrawal. Mt. Simon, top 3968'. Manlove Gas Storage.

9, 50' SL, 50' EL, NW SE. Peoples Gas Light & Coke Co. #1 L. Bateman. Spd. 11-3-77. Comp. 11-28-77. TD 4200'. Gas injection-withdrawal. Mt. Simon, top 3933'. Manlove Gas Storage.

15, 206' NL, 81' EL, SW NE. Peoples Gas Light & Coke #2 L. McCord. Spd. 11-26-77. Comp. 1-28-78. TD 4222'. Gas injection-withdrawal. Mt. Simon, top 3971'. Manlove Gas Storage.

22, 13' SL, 31' EL, NW SE. Peoples Gas Light & Coke Co. #1 F. Kamerer. Spd. 6-25-77. Comp. 7-21-77. TD 4260'. Gas injection-withdrawal. Mt. Simon, top 3999'. Manlove Gas Storage field.

CHRISTIAN COUNTY

11N, 1E

12, NE SW NW. Rector & Stone Drlg. Co. #2 De Barr. Spd. 7-25-78. Comp. 7-28-78. TD 1580'. D&A. Benoist, top 1540' (approx.). Pana Central.

CLARK COUNTY

11N, 14W

14, SE NE SE. Dr. Ray E. Howell #1 Simonton. OWWO. Was Jay Vee Develop. Co. #1 Simington. Was D&A. OTD 1780'. Comp. 9-15-64. Recomp. 7-27-78. COTD 208'. D&A. Pennsylvanian, top 100' (approx.). Westfield East.

32, NE NE SE. Lamar Redman #1 Sherwood. OWWO. Was J. G. Ellis #1 Sherwood. Was D&A. OTD 502'. Comp. 2-15-55 (temp. abd.). Recomp. 6-1-78 (est). COTD 327'. IP 2 BOP. Casey, top 322'. Casey.

CLARK COUNTY (Continued)

12N, 14W

32, SE SE NW. Warren Petroleum Co. #1 Arthur Honn. Spd. 12-26-77. Comp. 8-8-78. TD 452'. IP 3 BOP. Pennsylvanian, top 401, SHOT. Westfield.

32, 330' SL, 790' EL, NW. Warren Petroleum Co. #2 Arthur Honn. Spd. 2-25-78. Comp. 8-8-78. TD 449'. IP 3 BOP. Pennsylvanian, top 403', SHOT. Westfield.

CLAY COUNTY

2N, 5E

14, NE SW NW. C. E. Brehm Drdg. & Prod. #1 V. J. Brown. Spd. 8-12-78. Comp. 8-18-78. TD 2980'. D&A. McClosky, top 2930' (est). Xenia East.

3N, 7E

14, NW NE NW. Booth Oil Co., Inc. #1 Stacer. Spd. 7-23-78. Comp. 7-27-78. TD 2640'. D&A. Cypress, top 2620' (approx.). Sailor Springs Consol.

3N, 8E

15, SE SW SW. Shelby & Sylvia Britton #1 George Pass. OWWO. Was Snyder Drdg. Co. #1 Goings. Was plugged Aux Vases producer. OTD 3083'. Comp. 8-23-55. Recomp. 11-8-77. COTD 3083'. IP 4 BOP/1 BW. McClosky, top 3050, MCA. Clay City Consol.

4N, 6E

21, C S/2 SW SE. J. W. Rudy Co. #1 M. Colclasure. Spd. 7-18-78. Comp. 7-28-78. TD 3550'. D&A. Ullin, top 3545' (approx.). Louisville.

5N, 5E

15, SE NW NW. Shelby A. & Sylvia Britton #1 A. L. Kidwell. OWWO- conversion. Was Texaco, Inc. #9 A. L. Kidwell. Was Aux Vases producer. Converted to water input. OTD 2351'. Comp. 2-23-43. Plugged 5-15-68. Recomp. 11-10-74. COTD 2340'. IP 5 BOP/1 BW. Cypress, top 2159'. Iola Consol. (This well was erroneously run as Temp. abd. in the May, 1975 Drdg. Report.)

5N, 8E

Irr. 30, 330' NL, 330' EL, NW NE. Charles H. Stephens #1 W. Workman. Spd. 6-20-78. Comp. 7-22-78. TD 2555'. IP 15 BOP. Cypress, top 2547'. Sailor Springs Consol.

CLINTON COUNTY

1N, 5W

8, SW SE NE. Elmer Oelze, Jr. #2 Leo Pfeffer. Conversion. Was Gulf Oil Corp. #2 Leo Pfeffer. Was Silurian producer. Comp. 5-7-77. COTD 1996'. SWD. Silurian, top 1943'. New Baden East.

COLES COUNTY

12N, 10E

1, SW SE NE. Gilbert H. Beck #2 McDivitt. Spd. 11-20-76. Comp. 8-77. TD 461'. IP 4 BOP. Pennsylvanian, top 426'. Ashmore South.

13N, 7E

26, SE SW SW. Schaefer Oil Co. #1 Nolte. Spd. 8-9-78. Comp. 8-14-78. TD 1980'. D&A. Spar Mountain, top 1948'. WN-Mattoon North.

CRAWFORD COUNTY

5N, 11W

3, SW NW NW. Prudential Oil Co. #3 A. R. Oldham. Spd. 9-1-77. Comp. 6-2-78. TD 960'. D&A. Basal Pennsylvanian, top 920'. Main Consol.

6N, 13W

35, 380'NL, 380'EL, NW NW. Lamar Properties #1T I. K. Richart et al. Spd. 10-13-77. Comp. 8-1-78. TD 4060'. IP 60 BOP/trace water. Trenton, top 3954', Acid & Frac. Main Consol.

8N, 12W

3, NW SE SE. Mason Oil Co., Inc. #1-A Maddox. Spd. 8-6-77. Comp. 8-1-78. TD 2831'. Temp. Abd. Devonian, top 2756'. WF.

8N, 13W

25, C NE SW. Used Oilfield Equipment #L-1 Jake & Margaret Shonk. Spd. 8-18-75. Comp. 6-8-77. TD 1032'. Oil producer, IP not available. Robinson, top not available. Main Consol.

EDGAR COUNTY

12N, 13W

5, SW NW SE. Earnest Zink #3 Heltsley. Spd. 7-3-78. Comp. 7-20-78. TD 470'. IP 290' (MCF). Pennsylvanian, top 465'. Grandview.

9, 330'SL, 400'WL, NE SE. John Gough #1 J. Gough. Spd. 7-14-78. Comp. 8-8-78. TD 625'. D&A. Pennsylvanian, top 500' (approx). WN-Grandview.

EDWARDS COUNTY

1N, 14W

Irr. 6, 350'SL, 330'WL, SE. Viking Oil Co. #2 Clyde Hedrick. Spd. 8-10-78. Comp. 8-16-78. TD 3191'. D&A. McClosky, top 3145' (est). Parkersburg Consol.

33, SW SE NE. Louis A. Pessina #1 Geneva Mewes et al. Spd. 7-18-78. Comp. 7-25-78. TD 3763'. D&A. Ullin, top 3730' (approx). Bone Gap East.

33, 430'SL, 430'EL, SE SE. Louis A. Pessina #3-A Robert Koertge. Spd. 5-30-78. Comp. 7-14-78. TD 2947'. IP 15 BOP/10 BW. Ohara, top 2939', Frac. Bone Gap East.

EFFINGHAM COUNTY

6N, 6E

33, C W/2 SW NW. Harold E. Davis #2 Thompson. Spd. 8-14-78. Comp. 8-20-78. TD 2711'. D&A. McClosky, top 2537' (est). WN-Hord North.

EFFINGHAM COUNTY (Continued)

9N, 4E

29, 990' SL, 542' WL, SW. Mid Continent Energy Co., Inc. #1 Wood Comm.  
 Spd. 1-23-78. Comp. 8-8-78. TD 3145'. D&A. Sylamore, top 3141'.  
 Louden.

FAYETTE COUNTY

8N, 3E

28, SE NE SW. Exxon Corp. #3 Edith Marshall. OWDD. Was Cypress and  
 Bethel producer. OTD 1581'. Comp. 6-29-78. DTD 1633'. IP  
 13 BOP/360 BW. Cypress, top 1453', Frac; Bethel, top 1561',  
 Nat; Aux Vases, top 1600' (est), Nat. Louden.

GALLATIN COUNTY

7S, 9E

24, SE SE SW. Collins Bros. Oil Co. #2 Feehrer. Conversion. Was  
 Aux Vases producer. Comp. 8-17-77. COTD 2931'. Water input.  
 Aux Vases, top 2902'. Herald Consol.

7S, 10E

32, SW SW NW. C. E. Brehm Drlg. & Prod. #1 Maynor. Spd. 7-31-78.  
 Comp. 8-7-78. TD 2836'. D&A. Ste. Genevieve, top 2776' (approx).  
 Inman West Consol.

HAMILTON COUNTY

4S, 7E

11, NE SW SW. Geo. N. Mitchell Drlg. Cont. #1 Donald E. Clark et al.  
 Spd. 8-2-78. Comp. 8-10-78. TD 3500'. D&A. McClosky, top  
 3400' (est). Bungay Consol.

15, 330' NL, 360' WL, NE NW. Bernard Podolsky #2 Wolfinger. Spd. 10-18-77.  
 Comp. 8-1-78. TD 3483'. IP 10 BOP/some water. McClosky, top  
 3476', Acid. Bungay Consol.

6S, 7E

34, SE SE SE. F. E. Frassato #5 English Heirs. Spd. 7-11-78. Comp.  
 7-21-78. TD 3320'. D&A. Ste. Genevieve, top 3190' (approx).  
 Broughton.

7S, 7E

1, NW NW SW. J. D. Turner #1 Bailey E. Williams. Spd. 4-29-78. Comp.  
 8-1-78. TD 4320'. Temp. abd. Warsaw, top 4028'. WN-Broughton.

2, NW NW NW. Flex-O-Car Oil Co. #1 Huffstutler-Davis Unit. Spd.  
 6-13-78. Comp. 8-1-78. TD 3293'. IP 15 BOP/120 BW. McClosky,  
 top 3270', Acid. Broughton.

3, NW NE NE. F. E. Frassato #1 Huffstutler et al. Unit. Spd. 5-20-78.  
 Comp. 8-1-78. TD 4319'. IP 14 BOP/2 BW. Salem, top 4058', Acid.  
 Broughton.

HANCOCK COUNTY

3N, 5W

10, SW NW SE. John Carlson #1 Earl and Lora Jennings. Spd. 8-8-77.  
 Comp. 7-26-78. TD 650'. D&A. Silurian, top 590' (approx). WF.

JASPER COUNTY

5N, 10E

21, SE NE NE. Hubert W. Rose #1 H. L. Eberhardt. OWDD. Was Clavert Drlg., Inc. McClosky producer. OTD 2936'. Comp. 4-8-52. Recomp. 3-21-78. DTD 3129'. D&A. St. Louis, top 2990' (est).  
Clay City Consol.

6N, 11E

Irr. 6, 330'NL, 430'WL, SE SE. Harold Eubank #1 Herman Ferguson. Spd. 3-14-78. Comp. 8-1-78. TD 2724'. IP 15 BOP/15 BW. McClosky, top 2678', MCA & Frac. Clay City Consol.

JEFFERSON COUNTY

4S, 3E

14, SW SW SW. C. E. Brehm Drlg. & Prod. #1 Friar. Spd. 5-3-78. Comp. 5-10-78. TD 3150'. D&A. Ste. Genevieve, top 3015' (approx). WF.

24, SW SW NW. C. E. Brehm Drlg. & Prod. #1 Campbell. Spd. 7-10-78. Comp. 7-16-78. TD 3130'. D&A. McClosky, top 3048'. WF.

LAWRENCE COUNTY

2N, 11W

17, 260'SL, 330'WL, SE NW. Northwest Oil and Gas Co. #2-A Pearl Burns. Spd. 8-12-78. Comp. 8-16-78. TD 2000'. D&A. Ste. Genevieve, top 1974' (est). Lawrence.

2N, 12W

Irr. 1, 330'SL, 330'EL, NE NW. Joe Simpkins Oil Dev. #9 Gray-Fee. Spd. 7-1-78. Comp. 8-8-78. TD 981'. D&A. Bridgeport, top 979'. Lawrence.

3N, 13W

12, SE SW NW. Black & Black Oil Co. #2A F. C. Harper. OWNO. Was Hayes Drlg. Co. #1 C. F. Harper. Was D&A. OTD 2177'. Comp. 5-4-48. Recomp. 6-27-78. COTD 150'. Junked in hole. Lawrence West.

12, C N/2 SW NW. Black & Black Oil Co. #3 Harper. Spd. 8-16-78. Comp. 8-21-78. TD 2225'. D&A. McClosky, top 2170' (est). Lawrence West.

12, 349'SL, 805'WL, NW. Black & Black Oil Co. #2 F. C. Harper. Spd. 6-2-78. Comp. 8-2-78. TD 2233'. IP 20 BOP/50 BW. Lower McClosky, top 2191'. Lawrence West.

13, NE NE NW. Bridgeport Drlg. Co., Inc. #1 W. C. Jones. OWNO. Was F. L. Beard #1 W. C. Jones. Was D&A. OTD 2203'. Comp. 1-8-54. Recomp. 4-20-78. COTD 2194'. IP 2 BOP/95 BW. Ohara, top 2098'; Spar Mountain, top 2109', Acid & Frac. Lawrence.

MCDONOUGH COUNTY

5N, 3W

6, SW SE NE. John Fawcett #1 Lloyd Williams. Spd. 5-18-78. Comp. 7-11-78. TD 580'. D&A. Maquoketa, top 577'. WF.

MADISON COUNTY

4N, 6W

15, NW SE NE. S. B. Schenk #2 Kauhl-Bowles Comm. OWWO. Was E. A. Obering #2 C. Kaul Comm. Was plugged Silurian producer. OTD 1820'. Comp. 7-8-47. Recomp. 7-31-78. COTD 1790'. D&A. Silurian, top 1739'. Marine.

6N, 6W

22, 454' SL, 305' EL, SW SE. S. B. Schenk #8 Bononi. Conversion. Was D&A, (Penn.) converted to WSW (Penn.). Comp. 5-4-78. COTD 180'. WSW. Pennsylvanian, top 157'. Livingston South.

22, 330' SL, 865' WL, NW SW. John A. Repovsch #3 Sievers. Spd. 6-15-78. Comp. 7-27-78. TD 525'. IP 2 BOP/0 BW. Pennsylvanian, top 516', Nat. Livingston South.

Irr. 30, 535' N1, 440' EL, NE. Joseph Foucek #24 Albrecht. Spd. 7-11-78. Comp. 7-27-78. TD 588'. D&A. Pennsylvanian, top 527' (est). Livingston.

MARION COUNTY

4N, 3E

21, NW NW NW. Gilbert H. Beck #1 Diekman. Spd. 11-16-77. Comp. 8-8-78. TD 3706'. Temp. Abd. Devonian, top 3574'. WN-Kinmundy.

MONTGOMERY COUNTY

12N, 5W

29, NE NW NE. Russell E. Jone #1 Edward-Welsh. Spd. 8-4-78. Comp. 8-16-78. TD 1894'. D&A. Devonian, top 1670' (est). WF.

RANDOLPH COUNTY

4S, 6W

1, 477' SL, 361' EL, SW. Elmer Oelze, Jr. #1 Keller. Spd. 3-6-78. Comp. 7-18-78. TD 2150'. IP 15 BOP/2 BW. Silurian, top 2082', Acid. Tilden North.

RICHLAND COUNTY

5N, 10E

28, NW SE NW. Southern Illinois Oil Prod. Inc. #1 Manning-Householder Comm. Spd. 7-18-78. Comp. 7-22-78. TD 2928'. D&A. Ste. Genevieve, top 2865' (approx.). Clay CITY Consol.

35, SW NW NE. Lahoil, Inc. #1 Ginder Comm. Spd. 8-16-78. Comp. 8-22-78. TD 3030'. D&A. McClosky, top 2985' (est). Olney Consol.

ST. CLAIR COUNTY

1N, 10W

Proj. 8, Lot 21 of Prairie DuPont Commonfields. David Allison #1 Pulcher. Spd. 6-20-78. Comp. 8-8-78. TD 546'. Temp. abd. Trenton, top 524'. WN-Dupo.

SALINE COUNTY

8S, 6E

2, 330' NL, 380' WL, NE. Fletcher F. Farrar #A-1 Rhine. Spd. 6-27-78. Comp. 7-17-78. TD 5511'. D&A. Devonian, top 5150' (est). Raleigh.

SALINE COUNTY (Continued)

8S, 6E

24, 29'NL, 30'WL, SW. Larry J. Barrett #1 Farris. Spd. 7-1-78. Comp. 7-1-78. TD 399'. IP 104 MCFGPD. #6 Coal, top 388' (approx.).  
Eldorado West. NEW PAY IN FIELD.

SANGAMON COUNTY

16N, 2W

31, NW NE NE. Comanche Oil Corp. #1 Fait Heirs. Spd. 7-26-78. Comp. 7-30-78. TD 1796'. D&A. Silurian, top 1748' (est). Roby East.

WABASH COUNTY

1N, 12W

24, 338'NL, 376'WL, SE. Whiteside Oil Co. #1 Stoltz-Will Comm. OWWO. Was G. Engle #1 Clark-Stoltz. Was D&A. OTD 2347'. Comp. 6-18-46. Recomp. 10-1-77. COTD 1482'. Oil producer, IP not available. Biehl, top 1430', Frac. Allendale.

28, 330'SL, 660'WL, NW SW. Gilbert A. Higgins #1 Jerry Showalter. Spd. 1-16-78. Comp. 3-13-78. TD 2027'. IP 12 BOP/4 EW. Cypress, top 2002', Frac. Allendale. (This well was run in March, 1978 Drlg. Report with the wrong information.

29, NW SW SW. Frank Yockey #1 Risley. OWWO. Was D. T. Drilling #1 Risley. Was plugged Waltersburg producer. Comp. 11-29-62. Recomp. 7-17-78. COTD 2048'. IP 10 BOP/5 BW. Cypress, top 2036', Nat. Allendale.

1S, 13W

32, 1753'SL, 678'WL, SW. Southern Triangle Oil Co. #1 Fern G. Alka "A" Lse. Spd. 8-1-78. Comp. 8-8-78. TD 3485'. D&A. Salem, top 3235' (est). New Harmony Consol.

2S, 14W

24, NW SW SW. Hocking Oil Co., Inc. #1 Louise Douglas. Spd. 7-20-78. Comp. 7-26-78. TD 2953'. D&A. Ste. Genevieve, top 2845' (est). New Harmony Consol.

25, SE SW SW. J & H Oil Co. #1 William Dunn Trust. Spd. 8-3-78. Comp. 8-16-78. TD 2567'. D&A. Cypress, top 2540' (est). New Harmony Consol.

WASHINGTON COUNTY

2S, 3W

Irr. 19, 330'SL, 330'WL, SE SE. Elmer Oelze, Jr. #1 S.W.D. Green Heirs. Conversion. Was Amoco #1 Clara Green. Was plugged Silurian producer. Comp. 7-13-78. COTD 2700'. SWD. Silurian, top 2650'. Nashville.

Irr. 19, 330'NL, 330'WL, SW SE. Elmer Oelze, Jr. #1 Stieg. OWWO. Was Black & Black Perry Fulk #1-A Stieg. Was plugged Silurian producer. Comp. 6-11-74. Recomp. 7-21-78. COTD. 2685'. IP 52 BOP. Silurian, top 2618', Frac. Nashville.

WASHINGTON COUNTY (Continued)

3S, 2W

1, 330' SL, 960' WL, SE. Elmer Lamczyk #4 Elmer Lamczyk. Spd. 7-27-78. Comp. 7-30-78. TD 1425'. D&A. Benoist, top 1425' (est). DuBois.

WAYNE COUNTY

1N, 7E

14, SW NW SE. Midwest Oil Producers #1 Atteberry. Spd. 6-28-78. Comp. 7-2-78. TD 3164'. IP 24 BOP/120 BW. Aux Vases, top 3030'. Clay City Consol.

1N, 8E

16, SE NE NW. Hanson Oil Co., Inc. #2 Sparr. Spd. 8-7-78. Comp. 8-16-78. TD 3748'. D&A. Salem, top 3390' (est). Clay City Consol.

2N, 8E

20, 388' NL, 330' WL, NE NW. Partlow & Cochonour #1A Rex Gill. Spd. 6-19-78. Comp. 8-8-78. TD 3551'. IP 30 BOP. Salem, top 3366', MCA & Frac. Clay City Consol.

1S, 5E

36, SE NE NE. D. H. Bolin #1 Clevenger. OWDD. Was McClosky producer. OTD 3172'. Comp. 8-7-51. Recomp. 3-23-78. DTD 3900'. IP 28 BOP/28 BW. Salem, top 3744', Acid. Keenville East.

36, NW NE NW. Collins Bros. Oil Co. #1 Shreve. Spd. 7-10-78. Comp. 7-20-78. TD 3877'. D&A. Ullin, top 3785' (approx). Keenville East.

1S, 6E

11, SE SW NW. Republic Oil Co., Inc. #4 Pennington. Spd. 8-5-78. Comp. 8-11-78. TD 3340'. D&A. St. Louis, top 3243' (est). Johnsonville South.

Irr. 12, 330' NL, 990' EL, SE NW. Cache River Oil Corp #1 Lowe. Spd. 7-28-78. Comp. 8-5-78. TD 3307'. D&A. Ste Genevieve, top 3200' (est). Johnsonville Consol.

23, NE NE NW. Modern Explorations #1 T. E. Smith. Conversion. Was Robinson & Pockett #1 T. E. Smith. Was McClosky producer. Comp. 6-14-78. COTD 3285'. SWD. Aux Vases, top 3060'; McClosky, top 3177'. Johnsonville South

Irr. 24, 330' SL, 330' EL, SW SE. Carl E. Busby #8 Simms. Spd. 6-22-78. Comp. 8-8-78. TD 3150'. IP 40 BOP. Aux Vases, top 3118', MCA & Frac. Clay City Consol.

31, NW SW NW. D. H. Bolin #1 Johnson. OWDO-OWDD. Was D. H. Bolin #1 Johnson. Was D&A. OTD 3201'. Comp. 10-3-51. Recomp. 6-2-78. DTD 3982'. IP 25 BOP/4 BW. Salem, top 3770', Acid. Keenville East.

WAYNE COUNTY (Continued)

1S, 8E

Irr. 19, 1320'NL, 854'WL, NE. Robinson Prod., Inc. #2-W Thacker. Spd. 8-9-78. Comp. 8-17-78. TD 3362'. D&A. McClosky, top 3275' (est). Clay City Consol.

2S, 5E

12, NW SE SE. C. E. Brehm Drlg & Prod. #1 Youngblood. Spd. 7-18-78. Comp. 7-23-78. TD 3292'. D&A. McClosky, top 3240' (est). WN-Wayne City.

2S, 6E

2, C SW SW. C. E. Brehm Drlg. & Prod. #1 Woolever. Spd. 8-4-78. Comp. 8-11-78. TD 3400'. D&A. Ste. Genevieve, top 3240' (est). WN-Covington South.

22, NE SW SW. C. E. Brehm Drlg. & Prod. #1 Echols. Spd. 7-27-78. Comp. 8-3-78. TD 3410'. D&A. Ste. Genevieve, top 3235' (est). WN-Mayberry North.

31, NW SE SE. Comanche Oil Corp. #2 J. Thomason. Spd. 7-8-78. Comp. 7-25-78. TD 4288'. D&A. Ullin, top 4192'. WN-Mayberry.

WHITE COUNTY

4S, 8E

29, NW SE NW. Perry Fulk #3 Hendershott et al. Unit. Spd. 4-19-78. Comp. 5-11-78. TD 3365'. IP 35 BOP. Aux Vases, top 3360', Frac. Springerton South.

29, NE SE NW. Perry Fulk #4 Hendershott et al. Unit. Spd. 6-8-78. Comp. 8-1-78. TD 3500'. IP 125 BOP. Aux Vases, top 3356'; McClosky, top 3488', MCA. Springerton South. MCCLOSKY NEW PAY IN FIELD.

29, SW NE NW. Perry Fulk #1 Harold Thomas. Spd. 5-30-78. Comp. 6-28-78. TD 3502'. IP 25 BOP. Spar Mountain, top 3460', Acid. Springerton South.

33, NE SW SW. RK Petroleum Corp. #3 John Prince Et al. Spd. 7-6-78. Comp. 8-8-78. TD 3344'. IP 40 BOP. Aux Vases, top 3332'. Springerton South.

4S, 10E

8, 330'SL, 610'WL, NW. Arthur Vandenbark #1 Harold Hansman. Spd. 7-14-78. Comp. 7-29-78. TD 4112'. D&A. Ullin, top 3985' (est). Centerville East.

20, NE NE NW. Illinois Mid Continent Co. & Dee Drlg. Co. #2 Carr. OWNO. Was Dee Drlg. Co. #2 Carr Hrs. Was D&A. OTD 3396'. Comp. 11-24-61. Recomp. 7-10-78. COTD 3389'. Water input. Ohara, top 3269'. Sumpter East.

4S, 14W

14, NE SW SW. The Superior Oil Co. #40 E. M. Fitton (N.E. Unit). Conversion. Was Waltersburg producer. Comp. 6-24-78. COTD 2239'. Water input. Tar Springs, top 2216'. New Harmony Consol.

## WHITE COUNTY (Continued)

4S, 14W

22, NW SW SE. The Superior Oil Co. #4 B. S. Collins (NE unit).  
 Conversion. Was McClosky producer. Comp. 5-23-78. COTD 2607'.  
 Water input. Tar Springs, top 2239'; Cypress, top 2605'.  
 New Harmony Consol.

22, 330' SL, 430' WL, SE SE. The Superior Oil Co. #6 B. S. Collins (NE unit). Workover. Was Aux Vases water input. Comp. 5-26-78. COTD 2620'. Water input. Tar Springs, top 2196'; Cypress, top 2585'. New Harmony Consol.

22, NE NE SE. The Superior Oil Co. #1 Harry C. Ford (NE Unit). Conversion. Was Waltersburg, Cypress and McClosky producer. Comp. 6-29-73. COTD 2611'. Water input. Waltersburg, top 2135'; Tar Springs, top 2201'; Cypress, top 2598'. New Harmony Consol.

23, 135' SL, 445' WL, SW. Superior Oil Co. #8 E. M. Fitton (NE Unit).  
 Conversion. Was Waltersburg and Cypress producer. Comp. 6-23-78. COTD 2610'. Water input. Waltersburg, top 2116'; Cypress, top 2587'. New Harmony Consol.

23, SW NE NW. The Superior Oil Co. #15 E. M. Fitton (N.E. Unit)  
 Workover. Was Aux Vases water input. Comp. 7-8-78. COTD 2632'.  
 Water input. Tar Springs, top 2195'; Cypress, top 2593'.  
 New Harmony Consol.

23, NE NW NW. The Superior Oil Co. #26 E. M. Fitton (N.E. Unit).  
 Conversion. Was Aux Vases water input. Comp. 6-8-78. COTD 2615'. IP Comb. producer Tar Springs IP-100% Saltwater and injection-Cypress. Tar Springs, top 2226'; Cypress, top 2596'. New Harmony Consol.

23, SE NE NW. The Superior Oil Co. #29 E. M. Fitton (N.E. Unit).  
 Conversion. Was Aux Vases producer. Comp. 6-24-78. COTD 2255'.  
 Water input. Tar Springs, top 2236'. New Harmony Consol.

23, SW SE NW. The Superior Oil Co. #32 E. M. Fitton (NE Unit).  
 Workover of water input well. Was Bethel & Aux Vases water input. Comp. 6-24-78. COTD 2622'. Water input. Waltersburg, top 2130'; Tar Springs, top 2200'; Cypress, top 2591'. New Harmony Consol.

23, SW NE SW. The Superior Oil Co. #33 E. M. Fitton (N.E. Unit).  
 Workover of water input well. Was Bethel and Aux Vases water input well. Comp. 6-24-78. COTD 2622'. Water input. Cypress, top 2589'. New Harmony Consol.

23, NE NE SW. The Superior Oil Co. #55 E. M. Fitton (N.E. Unit).  
 Conversion. Was Bethel producer. Comp. 7-9-78. COTD 2642'.  
 Water input. Waltersburg, top 2168'; Tar Springs, top 2213'; Cypress, top 2610'. New Harmony Consol.

## WHITE COUNTY (Continued)

4S, 14W

26, SW NW NW. The Superior Oil Co. #47 E. M. Fitton (N.E. Unit).  
 Workover of water input well. Was Bethel and Aux Vases water input. Comp. 6-24-78. COTD 2865'. Water input. Cypress, top 2590'; Bethel, top 2748'; Aux Vases, top 2839'.  
 New Harmony Consol.

26, NE NW NW. The Superior Oil Co. #50 E. M. Fitton (NE Unit).  
 Workover of water input well. Was water input well in Lower Cypress and Aux Vases. Comp. 7-10-78. COTD 2642'. Water input. Waltersburg, top 2130'; Cypress (Upper), top 2606'. New Harmony Consol.

27, NE SE NE. The Superior Oil Co. #4 E. M. Fitton (N.E. Unit)  
 Workover of Water input well. Was Aux Vases water input well.  
 Comp. 6-24-78. COTD 2635'. Water input. Cypress, top 2562'.  
 New Harmony Consol.

30, 330'NL, 330'WL, SE. C. E. Brehm Drlg. & Prod. #1 Atteberry (A).  
 Spd. 7-27-78. Comp. 8-2-78. TD 4624'. D&A. Devonian, top not available. Phillipstown Consol.

5S, 8E

4, SE NW SE. RK Petroleum Corp. #5 Earl Mobley. Spd. 7-11-78. Comp. 7-20-78. TD 3468'. D&A - SO. McClosky, top 3460'. Enfield North.

5, NE NW SE. RK Petroleum Corp. #1 Kirk Heirs. Spd. 7-21-78. Comp. 7-28-78. TD 3495'. D&A. McClosky, top 3469'. WN-Enfield North.

5S, 14W

21, C NW NE. Fletcher F. Farrar #1 Morris A-. Spd. 8-1-78. Comp. 8-18-78. TD 4287'. D&A. Osage, top not available. New Harmony Consol.

6S, 9E

27, C W/2 SW SW. Joe A. Dull #1 Utley. Spd. 8-4-78. Comp. 8-16-78. TD 3091'. D&A. Ste. Genevieve, top 3040' (est). Herald Consol.

6S, 10E

2, C SW NE. Collins Bros. Oil Co. #1 Sailer Bros. et al. Spd. 7-23-78. Comp. 8-5-78. TD 4107'. D&A. Ullin, top 3940' (est). Maunie North Consol.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH AUGUST 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date, of plugging and present field assignment are listed.

## BOND COUNTY

Fr. 3-6N-2W, 200'NL, 380'WL, NE. Arthur Larsen #1 Stoneburner. 2274'.  
7-1-78. Woburn Consol.  
34-7N-2W, 921'NL, 694'EL, SW SW. Homeier Oil Enterprises, Inc. #1-T  
Blankenship Comm. 3180'. 8-21-78. Woburn Consol.

## CHRISTIAN COUNTY

25-11N-1E, 330'SL, 660'WL, SE SW. Frank's Petroleum Exploration #1 Wagner. 2929'. 6-23-78. Pana South.  
36-11N-1E, 990'NL, 660'WL, NE NW. Frank's Petroleum Exploration #2 Wagner. 2899'. 6-29-78. Pana South.  
36-11N-1E, 226'NL, 268'EL, SW NE. Frank's Petroleum Explor. #4 Wagner. 2902'. 6-27-78. Pana South.  
Irr. 7-14N-3W, 330'SL, 330'EL, SW SE. Midnight Oil, Inc. #2-A Rink. 1740'.  
6-5-78. Edinburg West.

## CLARK COUNTY

21-11N-14W, 500'NL, 150'WL, NW. Glen Hawkins #1 Glenn Hawkins. 368'.  
6-29-78. Westfield.

## CLAY COUNTY

14-2N-6E, 330'SL, 330'WL, SE NW. Republic Oil Co., Inc. #3 L Valbert,  
formerly Aurora Gasoline Co. #1. 3179'. 8-15-78. Flor Southeast.  
15-2N-7E, 660'SL, 990'EL of SW NE. Republic Oil Co. #1 Gray-Bayler Comm.  
3135'. 8-23-78. Clay City Consol.  
15-2N-7E, 990'SL, 330'EL, SW NE. Booth Oil Co., Inc. #1 Lewis Comm. 3036'.  
8-21-78. Clay City Consol.  
15-2N-7E, 330'SL, 330'EL, SW NE. Booth Oil Co., Inc. #2 Lewis Comm. 3045'.  
8-17-78. Clay City Consol.

## CRAWFORD COUNTY

30-7N-13W, 330'SL, 330'EL of NW SW. Phillips & Archibald #1 Parker. 982'.  
7-28-78. Main Consol.

## FRANKLIN COUNTY

36-5S-2E, 330'NL, 330'WL of SE. H & W Oil Co., Inc. #1 Chenault Heirs,  
formerly Harry O. Whittington. 2960'. 8-23-78. (water input, for-  
merly a producer). Benton North.  
11-7S-4E, 330'SL, 330'WL of SE SW. Collins Brothers Oil Co. #1 Nola Wat-  
son. 3313'. 8-22-78. Thompsonville North.

## GALLATIN COUNTY

15-8S-9E, NE NE NE. T. A. Ferrall #2 E. Moye. 2552'. 7-17-78. Inman  
West Consol.

## HAMILTON COUNTY

12-6S-5E, 330'NL, 330'EL of SE. Shell Oil Co. #4 Rural Hill Flood Unit.  
3145'. 8-16-78. Dale Consol.

12-6S-5E, 1645' SL, 329' EL of SE. Shell Oil Co. Rural Hill Flood Unit #11-W, formerly Pure Oil Co. #1 J. A. Cox. 3313'. 8-18-78. (water input (Aux Vases), formerly a producer). Dale Consol.

12-6S-5E, 997' SL, 1001' WL of SE. Shell Oil Co., Inc. #6 C. Ventress. 3114'. 8-16-78. Dale Consol.

7-6S-6E, 549' SL, 552' WL of NW SW. Texas Co. #1 Sherman Hunt. 3300'. 8-16-78. Dale Consol.

7-6S-6E, 330' NL, 330' WL of SW. Texas Co. #3 S. Hunt. 3111'. 8-10-78. Dale Consol.

18-6S-6E, 330' NL, 330' EL of NW. Texas Co. #A-3 J. C. Hall. (Rural Hill Flood Unit #30). 3325'. 8-8-78. Dale Consol.

18-6S-6E, 660' NL, 10' WL of NE NW. Texas Co. #A-4 J. C. Hall. (Rural Hill Flood Unit #32). 3125'. 8-1-78. Dale Consol.

18-6S-6E, 330' SL, 330' WL of NE NW. Shell Oil Co. #55 Rural Hill Flood Unit. 3169'. 8-15-78. Dale Consol.

18-6S-6E, 330' SL, 330' WL of NW NE. Shell Oil Co. #57 Rural Hill Flood Unit. 3159'. 8-14-78. Dale Consol.

18-6S-6E, 330' NL, 330' WL of SW NE. Shell Oil Co. #59-W Rural Hill Flood Unit, formerly Texas Co. #1 Merrit Davis. 3330'. 7-26-78. (water input, formerly a producer). Dale Consol.

18-6S-6E, 330' NL, 330' EL of SE NW. Shell Oil Co. #60 Rural Hill Flood Unit. 3173'. 8-14-78. Dale Consol.

#### JASPER COUNTY

11-5N-10E, 330' SL, 330' EL, SW NW. Lahoil, Inc. #1 Hinkel-Wartsbaugh. 2888'. 8-17-78. Ste Marie West.

27-7N-10E, 330' NL, 380' EL of NW NW. Southern Ill. Oil Producers, Inc. #2 Adam Reisner. 3010'. 8-11-78. Clay City Consol.

#### JEFFERSON COUNTY

14-2S-4E, 375' SL, 330' WL of SW. Eastern Petroleum Co. #2-B Horrell-Baldwin. 3050'. 7-27-78. Oakdale.

14-2S-4E, 330' SL, 330' EL of SW SW. Eastern Petroleum Co. #3-B Horrell-Baldwin. 2952'. 7-25-78. Oakdale.

22-2S-4E, 330' SL, 330' WL of NE NE. Fletcher F. Farrar #3 Gibson, formerly Eastern Petro. Co. 3043'. 7-29-78. (Salt Water Disposal, formerly a producer). Oakdale.

23-2S-4E, 330' NL, 330' WL of NW. Eastern Petroleum Co. #2 Gibson. 3144'. 7-22-78. Oakdale.

3-3S-2E, 688' NL, 330' EL of NE. W. H. Husmann #5 Bessie Wakefield. 2662'. 8-1-78. Williams Consol.

#### LAWRENCE COUNTY

14-3N-13W, 330' SL, 600' WL, NE. Reinhold Oil Producers #1 Spencer-Mason Comm. 2260'. 8-8-78. Lawrence West.

29-4N-12W, 330' NL, 330' EL of NE. W. C. McBride, Inc. #3 J. Greenlee. 1793'. 8-9-78. Lawrence.

#### RICHLAND COUNTY

20-2N-14W, 330' SL, 330' EL of NW. R. W. Harper, Jr. #1 Lambert-Ritter Comm. 3021'. 7-28-78. Parkersburg Consol.

## WASHINGTON COUNTY

8-3S-1W, 990'NL, 990'EL of SW SE. N. A. Baldridge #5 Borowiak. 1300'.  
8-7-78. Dubois.  
8-3S-1W, 330'NL, 990'EL of SW SE. N. A. Baldridge #2 Leo Borowiak. 1308'.  
8-3-78. Dubois.  
8-3S-1W, 330'SL, 990'EL of NW SE. N. A. Baldridge #3 Leo Borowiak. 1295'.  
8-8-78. (water input, formerly a producer). Dubois.

## WAYNE COUNTY

4-1S-6E, 990'SL, 330'EL of NW. Van Fossan Assoc. #2 H. L. Harrell. 3921'.  
8-18-78. Johnsonville Consol.  
3-1S-7E, 329'SL, 660'EL, SE. Nash Redwine #1 Bill Lusk. 3313'. 7-21-78.  
Clay City Consol.

## WHITE COUNTY

3-4S-9E, 660'SL, 330'WL of NW NE. Midwestern Supply Co., Inc. #5 Ralph J. Williams. 4450'. 7-26-78. Goldengate Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).  
1971-M.

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).



## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	

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Geol Survey

State of Illinois  
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



DISCOVERIES

New Fields

None

New Pay Zones in Fields

PARKERSBURG CONSOLIDATED. Richland County, 17-2N-14W, Salem at 3792' and Ullin at 3962'. Discovery well, Viking Oil Co. #1 Imogene Fishel, IP 20 BOP, 30 BW.

Extensions to Fields

DIVIDE CONSOLIDATED. Jefferson County, 5-1S-4E, Salem at 3174'. Discovery well, David F. Herley #1 Daniels, IP 39 BOP.

DIVIDE CONSOLIDATED. Jefferson County, 6-1S-4E, Salem at 3121'. Discovery well, David F. Herley #1 Chester Donoho (OWDD, was D&A), IP 69 BOP.

GOLDENGATE NORTH CONSOLIDATED. Wayne County, 24-2S-8E, Ohara at 3431'. Discovery well, Robinson Production, Inc. #1 R. Hooper, IP 3 BOP.

SAILOR SPRINGS CONSOLIDATED. Clay County, 20-4N-7E, Aux Vases at 2884'. Discovery well, Dean Sutton #1 P. Brown, IP 30 BOP.

TABLE I

New Pools Discovered from October 1977 through September 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>September 1977</u>			<u>March</u>		
Cooperstown (gas) Brown County	1S	2W	Wayne City Wayne County	2S	6E
<u>October</u>			<u>April</u>		
None			None		
<u>November</u>			<u>May</u>		
Holliday Fayette County	9N	3E	Norris City West White County	6S	8E
Illiopolis Sangamon County	16N	2W	<u>June</u>		
			None		
<u>December</u>			<u>July</u>		
Spring Garden Jefferson County	4S	3E	Pana Central Christian County	11N	1E
<u>January 1978</u>			<u>August</u>		
None			None		
<u>February</u>			<u>September</u>		
None			None		

TABLE II

## COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

Producing Oil Wells (Gas in Parentheses)				New Dry Holes				Production in		
Field Wells	Discoveries	Newly Drilled	Reworked	Dry Holes	Field Wells	Wildcat	Total	New Tests	Thousands of Barrels	
Field	Field Ext.	Holes	Dry Holes	Field Wells	Near	Far				

1977

Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	103	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,176
Nov.	60(3)	2	2	61(3)	3	27	12	5	108	2,115
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152	2,052
	<u>624(18)</u>	<u>3(1)</u>	<u>14(4)</u>	<u>585(20)</u>	<u>56(3)</u>	<u>294</u>	<u>91</u>	<u>46</u>	<u>1,036</u>	<u>25,609</u>

1978

Jan.	38	0	1	38	1	7	1	2	48	1,749
Feb.	55(1)	0	0	52(1)	3	29	9	3	94	1,707
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63	1,844
Apr.	25	0	2	23	4	7	2	2	34	2,024
May	18	1	2	20	1	32	8	5	65	2,098
June	44	0	2	42	4	43	11	9	105	2,035
July	54(3)	1	2	53(3)	4	37	8	9	110	2,042
Aug.	26(2)	0	0	21(2)	5	36	11	6	76	2,043
Sept.	66(4)	0	4	63(4)	7	22	1	2	92	2,035

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through August 1978 are from reports received directly from crude gathering companies. The figure for September 1978 is estimated.

TABLE III  
Drilling by Counties, Oil and Gas, September 1978

County	Permits to Drill*	Production Tests				Service Wells			Struc- ture Tests	
		Total Comp.	New Holes		D&A to Prod.	New	Conversions			
			Prod.	D&A			Were Prod.	Others		
Bond	2	-	-	-	-	-	-	-	-	
Brown	1	-	-	-	-	-	-	-	-	
Christian	1	1	-	-	-	-	-	1	-	
Clark	10	9	5	1	-	-	3	-	-	
Clay	10	8	6	1	-	-	-	1	-	
Clinton	1	2	-	1	-	-	1	-	-	
Coles	-	1	1**	-	-	-	-	-	-	
Crawford	28	12	8††	2	-	1	-	1	-	
Cumberland	1	-	-	-	-	-	-	-	-	
Douglas	2	-	-	-	-	-	-	-	-	
Edwards	7	3	-	2	-	-	1	-	-	
Effingham	3	-	-	-	-	-	-	-	-	
Fayette	4	7	4	-	-	3	-	-	-	
Franklin	2	1	-	-	-	-	1	-	-	
Gallatin	10	4	1	1	-	-	2	-	-	
Hamilton	11	5	1	2	-	-	2	-	-	
Jasper	10	5	3	1	1	-	-	-	-	
Jefferson	4	6	1	2	2	-	-	1	-	
Lawrence	2	3	1	-	-	-	2	-	-	
McDonough	1	-	-	-	-	-	-	-	-	
Macon	2	3	1	2	-	-	-	-	-	
Marion	6	2	-	1	-	-	-	1	-	
Montgomery	1	-	-	-	-	-	-	-	-	
Moultrie	1	-	-	-	-	-	-	-	-	
Perry	1	-	-	-	-	-	-	-	-	
Pike	1	-	-	-	-	-	-	-	-	
Richland	1	3	2	-	-	-	-	1	-	
St. Clair	2	-	-	-	-	-	-	-	-	
Saline	2	-	-	-	-	-	-	-	-	
Sangamon	-	3	2	1	-	-	-	-	-	
Shelby	-	1	-	-	-	-	1	-	-	
Wabash	10	11	4††	4	2	1	-	-	-	
Washington	3	-	-	-	-	-	-	-	-	
Wayne	12	16	10	2	2	1	-	1	-	
White	28	30	17	2	-	-	10	1	-	
	180	136	67	25	7	6	23	8	-	

\*Issued by Department of Mines and Minerals, Springfield, Illinois, August 30, 1978  
through October 2, 1978.

\*\*Gas Well

†Includes 2 gas wells

††Includes 1 gas well

TABLE IV

## Drilling by Counties, Natural Gas Storage, August 1978

County	Permits to Drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	1 1	— —	— —	— —	— —	— —

\*Issued by Department of Mines and Minerals, Springfield, Illinois August 30, 1978 through October 2, 1978.

## WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is Available, at no charge, upon request.

## WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

## WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

## OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

## BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

## OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

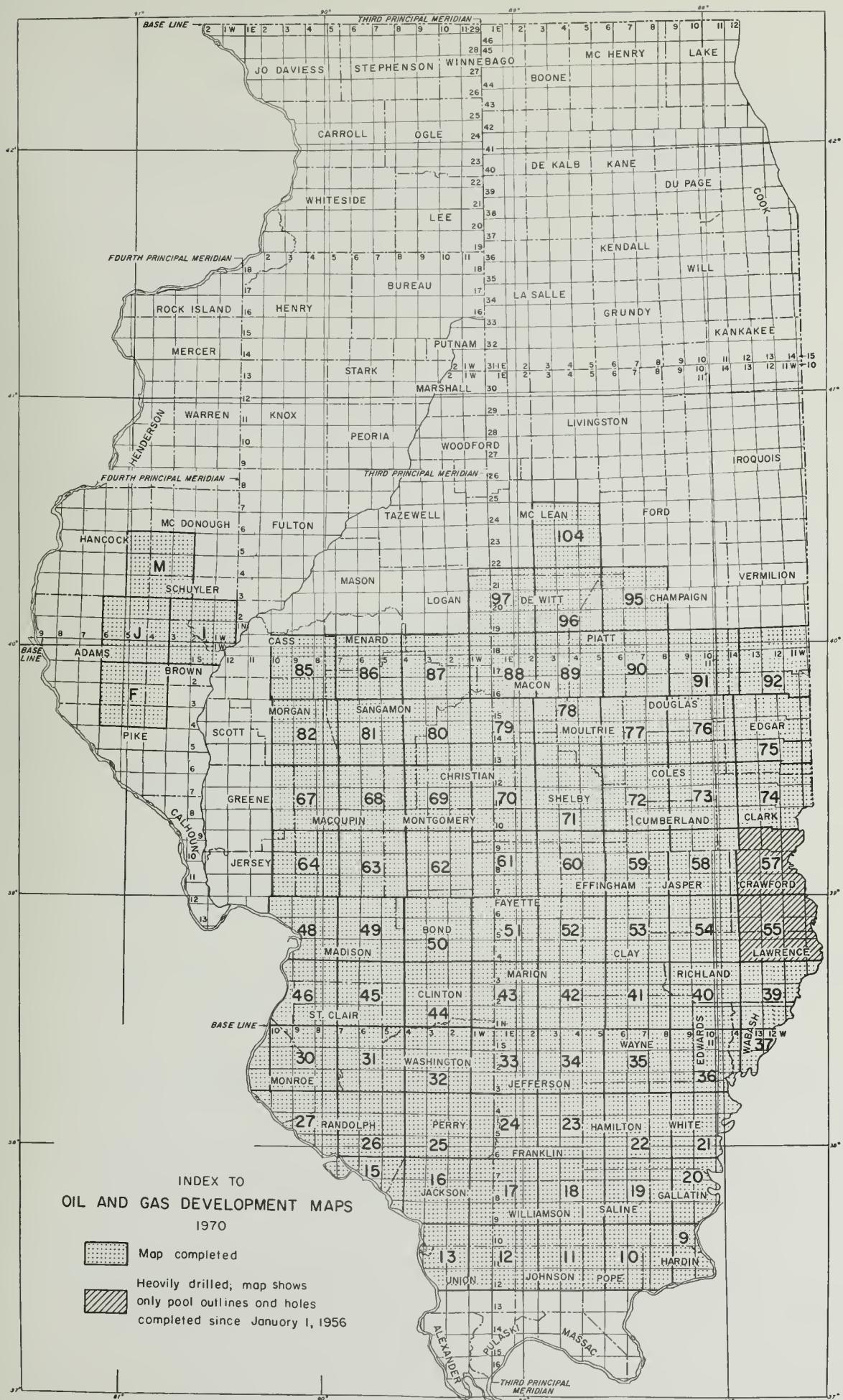
## OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The maps (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)



INDEX TO  
OIL AND GAS DEVELOPMENT MAPS  
1970

Map completed

 Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956



## WELLS COMPLETED FROM AUGUST 26, 1978 TO SEPTEMBER 29, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

6N, 4W

Irr. 30, 990' SL, 990' WL, SW. Fayette County Oil & Gas Prod. #1 Soechtig. Abd. loc. WN-Sorento Consol.

CHRISTIAN COUNTY

13N, 1E

20, 380' SL, 330' WL, NE. E. H. Kaufman #1-A Myers. Conversion. Was D&A. Comp. 7/23/76. COTD 2352'. SWD. Spar Mountain, top 1228'; Devonian, top 2335'. Assumption Consol.

CLARK COUNTY

10N, 13W

30, SE, SE, NW. Fear and Duncan #4 Auld. Conversion. Was Carper Producer. Comp. 7/13/78. TD 1404'. SWD. Carper, top 1336'. Martinsville.

30, 330' NL, 285' EL, NW. Redman Prod. of Oklahoma #1 Susan Newman. Conversion. Operator was J. E. Rocke. Was Carper Producer. Comp. 8/12/78. COTD 1402'. SWD. Carper, top 1340'. Martinsville.

10N, 14W

24, 330' NL, 725' EL, SE, SE. Van Fossan Oil Assoc. #2 Frank Morgan. Conversion. Was Trenton Producer. Comp. 9/15/78. TD 2892'. SWD. Carper, top 1321'. Johnson No.

10N, 13W

30, C S/2, NW, NE. Van Fossan Assoc. #2 E. F. Newman et al. Abd. loc. Martinsville.

10N, 14W

24, SE, SW, SE. Raymond A. Messman #1 Norma Truelove. Spd. 10/30/77. Comp. 9/5/78. TD 2900'. IP 10 BOP/150 BW (est). Trenton, top 2758', Frac. Johnson No.

25, 620' NL, 330' EL, SW, NE. Raymond A. Messman #1 Don & Gene Fain. Spd. 10/19/77. Comp. 1/25/78. TD 2890'. IP 9 BOP. Trenton, top 2723', Frac. Johnson No.

35, 339' SL, 110' WL, NE, NW. James B. Orrell #1-A R. E. & Ellen Stratton. Spd. 5/1/78. Comp 6/15/78. TD 590'. IP 5 BO/30 BW. Casey, top 390', Acid & Frac. Johnson No.

11N 14W

5, NE, NE, NE. J. D. Kuykendall #4 W. W. Drake. Spd 5/30/78. Comp. 8/22/78. TD 405'. IP 5 BOP/Lot Water. St. Louis, top 328'. shot, Westfield

CLARK COUNTY (continued) \*(See end of list for additional Clark County)  
 11N, 14W

17, 330' SL, 360' WL, NW, SE. Warren Petroleum Co. #5 Arthur Poorman. Spd. 7/24/78. Comp. 8/2/78. TD 363'. D&A. Pennsylvanian, top 296'. Westfield.

CLAY COUNTY

2N, 8E

9, C N/2, NW, NW. Hagen Oil, Inc. #1 O. Henry. Spd. 5/11/78. Comp. 8/29/78. TD 3665'. IP 40 BOP/10 BW. Salem, top 3636', MCA. Clay City Consol.

2N, 8E

9, SE, SW, NW. Hagen Oil, Inc. #1A Henry. OWNO. Was H.A.V.E. Oil Co., Inc., Salem Prod., TD 3590', Comp. 5/1/76, plugged 5/6/77. Recomp. 8/15/78. COTD 2700'. IP 15 BOP/5 BW. Cypress, top 2634', MCA & Frac. Clay City Consol.

3N, 7E

14, SE, NW, NW. Booth Oil Co., Inc. #2 Cash Cons. Spd. 7/23/78. Comp. 9/12/78. TD 2643'. IP 25 BOP. Cypress, top 2630', Shot. Sailor Springs Consol.

3N, 8E

29, C E/2, SW, NE. John B. Murvin #1 J. Murvin. Spd. 6/15/78. Comp. 9/19/78. TD 3102'. IP 35 BOP/20 BW. Aux Vases, top 3013', Frac. Clay City Consol.

4N, 6E

20, NW, SE, NW. McKinney Oil Prod., Inc. #3 Thompson. Spd. 5/10/78. Comp. 8/22/78. TD 2811'. Temp. Abd. McClosky, top 2793'. Louisville.

4N, 7E

20, SE, NE, NW. Dean Sutton #1 P. Brown. Spd. 6/14/78. Comp. 9/19/78. TD 3022'. IP 30 BOP/lots water (est). Aux Vases, top 2834'. Frac. Sailor Springs Consol. EXTENSION TO FIELD.

4N, 7E

22, C S/2, SE, SE. Lowell Hagen, Jr. #1 M. Tungate. Spd. 6/23/78. Comp. 9/19/78. TD 2611'. IP 25 BOP. Cypress, top 2609', Shot & Frac. Sailor Springs Consol.

27, SE, NE, NE. Shelby A. & Sylvia Britton #4 Hagen. Spd. 6/12/78. Comp. 9/19/78. TD 2990'. IP 11BOP. Aux Vases, top 2848', Acid. Sailor Springs Consol.

5N, 5E

3, SE, SE, SE. K Oil, Inc. #1-A SWD Oboikvitz. Conversion. Originally was Texas #1 H. A. Burgess, comp. 1945, TD 2177', D&A; worked over in 1954 by P. D. Lynch as Cypress producer; Deepened to 2447 in 1974 by Tom Kiernan as #1 Oboikowitz, comp. as Spar Mountain producer; converted to Aux Vases SWD by Tom Kiernan in 1975. Recomp. 8/10/78. COTD 1960'. SWD. Penn., top 1186'. Iola Cons.

CLINTON COUNTY

1N, 5W

9, NE, NW, SW. F & W Oil Co. #9 Beutler. Conversion. Was Silurian Producer. Comp. 7/25/78. TD 1944'. SUD. Silurian, top 1927'. New Baden East.

3N, 3W

24, 530' SL, 330' WL, SE, SE. Leland Monken #1 Patricia Frey. Spd. 8/30/78. Comp. 9/5/78. TD 1182'. Plugged 9/5/78. D&A. Benoit Sd., top 1177'. Carlyle No.

COLES COUNTY

12N, 7E

35, 355' SL, 330' WL, SW. Harry J. Adams #1 Adams Tynan. Spd. 2/15/78. Comp. 5/2/78. TD 4120'. Gas well. IP Not Available. Devonian, top 3147'. Mattoon.

12N, 9E

29, C W/2, NW, NE. Carl White #1 M. Replogle. ONWO. Was D&A. Comp. 7/10/78. COTD 3830'. D&A. Silurian, top 3776'. WF.

CRAWFORD COUNTY

5N, 13W

2, SW, SW, NE. Energy Resources of Indiana, Inc. #2 Coulter Heirs. Spd. 7/25/78. Comp. 9/7/78. TD 1006'. IP 10 BOP/30 BW. Robinson, top 834', MCA. Main Consol.

2, NW, NW, SE. Energy Resources of Indiana, Inc. #10 Richart Heirs. Spd. 7/14/78. Comp. 9/6/78. TD 957. IP 4 BOP/30 BW. Robinson, top 847', MCA. Main Consol.

6N, 11W

34, 430' SL, 330' EL, SW. Crossroads Oil, Inc. #1-A M. E. Christine. Spd. 1/6/78. Comp. 3/15/78. TD 977'. Temp. Abd. Robinson, top 949'. Main Consol.

6N, 12W

Irr. 21, 660' SL, 330' EL, SW, SE. Lyle Gilliatt #1 C. W. Ross. Spd. 5/30/78. Comp. 8/29/78. TD 1541'. IP 7 BOP/Some Water. Aux Vases, top 1505', Frac. Main Consol.

Irr. 28, 330' NL, 330' EL, NW, NW. Lyle Gilliatt #1 Quentin Frost. Spd. 7/3/78. Comp. 8/29/78. TD 1543'. IP 10 BOP/ Some Water. Aux Vases, top 1503', Frac. Main Consol.

6N, 13W

7, NE, NW, NW. Crete Oil Investments, Inc. #2 Eulan C. Aten. Spd. 6/21/78. Comp. 7/19/78. TD 1062'. IP 7 BO/42 BW. Robinson, top 1002'. Main Consol.

11, NW, SE, NW. Harry Huisenga #1 C. Bechtell Spd. 3/6/78. Comp. 9/5/78. TD 1042'. IP 1.5 MMCF (SIGW). Robinson, top 853'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

35, C W/2, NE, NW. E. L. Whitmar #1 SWD Richart Heirs. Conversion. Was Bell Bros. Was D&A. Comp. Jan. 1976. PBTD 1523'. SWD. St. Louis, top 1502'. Main Consol.

35, 510' SL, 400' EL, SW, NE. Lamar Properties #2-A Richart. Spd. 6/30/78. Comp. 8/22/78. TD 2623'. D&A. Devonian, top 2528'. Main Consol.

7N, 11W

13, SE, NE, NE. Centennial Energy, Inc. #1-A Robert E. Wernz. Spd. 5/31/78. Comp. 8/29/78. TD. 564'. IP 30 MCF (SIGM). Pleasant View, top 502'. Unnamed Field.

7N, 12W

9, 660' NL, 610' EL, NW, SE. Triple "B" Oil Producers, Inc. #5-WI S. D. Meserve. Spd. 5/15/78. Comp. 7/18/78. TD 1115'. Water Input. Robinson, top 1082'. Main Consol.

7N, 13W

18, NW, NW, NW. The MacDonell Co. of Lima, Inc. #2 Lewis P. Cain. Spd. 6/30/78. Comp. 8/23/78. TD 930'. IP 51 BO. Robinson, top, 936'. Main Consol.

EDWARDS COUNTY

1N, 14W

33, SE, NE, SE. Louis A. Pessina #3 R. J. Reisinger. Spd. 7/13/78. Comp. 8/15/78. TD 2950'. Temp. Abd. OHara, top 2938'. Bone Cap East.

2S, 10E

24, 330' SL, 370' WL, NE. Nick Babare, Jr. #1-C West Wick. Abd loc. Albion Consol.

2S, 11E

Irr. 13, 330' SL, 660' WL, SW. The Superior Oil Co. #7 G. J. Works (Works Unit). Conversion. Was McClosky Producer. Comp. 8/26/78. TD 3075'. Water Input. Waltersburg 2338'. Bethel 2931'. Albion Consol.

2S, 14W

17, NE, NW, NE. French Creek County #1 Virgil Fieber. Spd. 8/19/78. Comp. 9/12/78. TD 3130'. D&A. Ste Genevieve, top 3028'. Browns So.

EFFINGHAM COUNTY

6N, 5E

34, NE, SE, NE. Ladd Petro. Corp. #1-3 Jarvis Unit. OUDD. Was Texas #3 RW Prather. Comp. 4/13/43, was Bethel Producer. OWYO, Comp. 8/14/45, was Benoit & Aux Vases Producer. OTD 2366'. Recomp. 8/15/78. TD 2492'. IP 20 BO/160 BW. McClosky, top 2434'. Iola Consol.

FAYETTE COUNTY

5N, 2E

1, 330' SL, 455' WL, NE, SE. J. C. Green #1 Eberhardt. Abd. loc.  
Wilberton

7N, 3E

29, 450' NL, 514' EL, NW, NW. Exxon Corp. #12 Lewis Ripley. Spd.  
9/19/77. Comp. 9/22/77. TD 1608'. Observation. Cypress, top  
1550' (est). Louden.

29, 365' NL, 561' EL, NW, NW. Exxon Corp. #15 Lewis Ripley. Spd.  
10/13/77. Comp. 10/19/77. TD 1608'. Observation. Cypress, top  
1550' (est). Louden.

29, 415' NL, 623' EL, NW, NW. Exxon Corp. #16 Lewis Ripley. Spd.  
10/22/77. Comp. 10/27/77. TD 1608'. Observation. Cypress, top  
1550' (est). Louden.

9N, 3E

25, 750' SL, 330' WL, NE. Tri-Star Producing Co. #2 H. Larimore.  
Spd. 8/7/78. Comp. 9/12/78. TD 3133'. IP 204 BOP. Sylamore,  
top 3119'. Louden.

25, SE, SE, NW. Marion F. Miller Prod. Co., Inc. #1 Yantis. Spd.  
7/21/78. Comp. 9/5/78. TD 3122'. IP 77 BO/500 MCFG. Sylamore,  
top 3111'. Louden.

35, NW, SE, NE. James A. Gray #1 Dunaway. Spd. 4/5/78. Comp.  
8/15/78. TD 1652'. IP 63 BOP. Paint Creek Sd, top 1600', Frac.  
Louden.

35, SE, SE, NE. Texill Energy Corp. #3 Dunaway. Spd. 12/14/77.  
Comp. 8/15/78. TD 1651'. IP 50 BOP. Paint Creek Sd, top  
1602', Frac. Louden.

36, SE, SW, SE. Exxon Corp. #6 A. W. St. Pierre. OWDD. Was Carter  
Oil Co. OTD 1614'. Was Cypress Producer. Comp. 7/12/78.  
DDTD 1670'. IP 7.4 BO/230 BW. Cypress 1519'; Bethel 1580';  
Benoist, top Not Available, Frac. Louden.

FRANKLIN COUNTY

5S, 3E

2, C, NW, NE. C. E. Brehm Drlg. & Prod. #4 Clayton Heirs Comm.  
Conversion. Was Ullin Producer. Comp. 9/16/78. TD 3950'.  
SWD. Ullin, top 3915'. Ewing East.

Irr. 19, 425' NL, 330' EL, SE, SW. H. & W. Oil Co., Inc. #1 Carraher.  
OWDD. Was Spar Mountain Prod. OTD 3033'. Comp. 10/73. Re-  
comp. 9/5/78. DDTD 3074'. IP 35 BOP. St. Louis, top  
3060', Acid. Whittington.

FRANKLIN COUNTY (continued)

6S, 1E

11, 411' SL, 337' WL, NE, NE. Joe Simpkins Oil Dev. #1 Green. OWWO. Was plugged Aux Vases producer. Comp. 7/23/78. COTD 2650'. IP 10 BO/1 BW. Aux Vases, top 2626'. Sesser Consol.

7S, 4E

34, SE, NW, SW. Hanson Oil Co., Inc. #3 Hughes. Abd. loc. Thompsonville.

GALLATIN COUNTY

7S, 8E

32, NE, NE, SW. American Pump & Supply Co. #1 Ireland Comm. Conversion. Was Nation Oil Co. Was Aux Vases & OHara producer. Comp. 9/26/78. PBTD 2774'. Water Input. OHara, top 2744'. Omaha.

8S, 8E

5, NE, NW, NW. American Pump & Supply Co. #4 Delahunt. Conversion. Was Hardinsburg producer. Comp. 9/23/78. PBTD 2790'. Water Input. OHara, top 2748'. Omaha.

8S, 10E

19, NE, SE, NE. C. E. Brehm Drdg. & Prod. #2 Seely. Spd. 11/18/77. Comp. 1/25/78. TD 2856'. D&A. McClosky, top 2310'. Inman W. Consol.

19, SW, NE, NE. C. E. Brehm Drdg. & Prod. #1 Wabash. Spd. 9/1/77. Comp. 10/11/77. TD 2881'. IP 32 BOP. McClosky, top 2801', Acid. Inman W. Consol.

HAMILTON COUNTY

5S, 6E

7, NW, NW, NW. Victor R. Gallagher #1 Floyd Heil. Spd. 8/22/78. Comp. 8/29/78. TD 3507'. Plugged 8/29/78. D&A. Ste Genevieve, top 3348'. WF

5S, 7E

13, NE, SE, SE. Richard W. Beeson #1 Hanagan-Hart Unit. Spd. 6/20/78. Comp. 8/15/78. TD 4510'. D&A. Ramp Creek, top 4504'. WN-Enfield.

15, 330' NL, 380' EL, NW, NW. Royalco, Inc. #4-A Wooten. Spd. 6/26/78. Comp. 8/22/78. TD 3372'. IP 75 BOP. Aux Vases, top 3356'. Thackeray.

6S, 5E

33, NE, NE, NW. Charles L. Fitch #2 C. M. Johnson. Conversion. Was Aux Vases producer. Comp. 1978. TD 3345'. Water Input. Aux Vases, top 3278'. Dale Consol.

6S, 7E

6, 1005' SL, 993' WL, SE. Texaco, Inc. #2 Dale Unit Tract 7. Conversion. Was Shell #2 M. J. Beagle. Was Cypress producer. Comp. 4/30/77. TD 2704'. Water Input. Cypress, top 2660'. Dale Consol.

JASPER COUNTY

5N, 10E

20, NE, NE, SW. Robert B. Britton #1 E. Tedford. Spd. 11/7/77. Comp. 8/8/78. TD 3239'. IP 5 BO/10 BW. St. Louis, top 3028', Acid & Frac. Clay City Consol.

21, 450'NL, 330'WL, NE, NW. Robert B. Britton #1 Brown-Rodeffer Consld. Spd. 11/3/77. Comp. 8/17/78. TD 3180. IP 7 BO/7 BW. St. Louis, top 3150', Acid. Clay City Consol.

6N, 11E

Irr. 6, 330'NL, 330'WL, SW, NW. J. E. St. Pierre, Sr. #1 Eubank-Boldrey Comm. Spd. 10/10/77. Comp. 9/5/78. TD 2748'. IP 25 BOP (est). McClosky, top 2645', Frac. Clay City Consol.

6N, 10E

29, C E/2, NE, SE. Parrish Production Co. #3 Melvin Kistner. OWWO. Was Pure #1 H. Boos "A." Comp. 1941. Was D&A. Recomp. 6/17/78. COTD 2860'. IP 15 BO/5 BW. McClosky, top 2812. Clay City Consol.

8N, 11E

Irr. 18, 330'SL, 330'WL, NE. Martha J. Lewis #2 Reynolds. Spd. 9/5/78. Comp. 9/10/78. TD 2525'. Plugged 9/10/78. D&A. Salem, top 2404'. Yale.

JEFFERSON COUNTY

1S, 3E

12, 380'NL, 330'EL, NW, NE. David F. Herley #1 Stirwalt et al. OWWO & OWDD. Was R. Lee, TRUSTEE. D&A, OTD 2832'. Comp. 1/26/73. Recomp. 9/5/78. DTD 3527'. IP 39 BOP/TR WTR. Salem, top 3080', Acid-Frac. Divide Consol.

1S, 4E

5, NW, NE, SW. David F. Herley #1 Daniels. Spd. 6/7/78. Comp. 9/12/78. TD 3600'. IP 39 BOP/TR WTR. Salem, top 3174', MCA & Acid-Frac. Divide Consol. EXTENSION TO FIELD.

6, NE, SW, SE. David F. Herley #1 Chester Donoho. OWWO & OWDD. Was Pollack Bros. Oil Prod. D&A, OTD 2850'. Comp. 10/21/75. Recomp. 9/5/78. TD 3555'. IP 69 BOP. Salem, top 3121', Acid-Frac. Divide Consol. EXTENSION TO FIELD.

22, SW, SE, NW. Van Fossan Oil Assoc. #1 Gale Pierce. OWWO & OWDD. Was R. D. Holsapple & Pursley, #1 G. M. Pierce, D&A, OTD 3291'. Comp. 10/61. Recomp. 9/12/78. DTD 3471'. D&A-So. Salem, top 3150'. WN-Divide Consol.

23, 430'NL, 330'WL, SE, NE. Energy Resources Corp. #1 Leland McNail. Spd. 8/7/78. Comp. 8/19/78. TD 3455'. D&A. Salem, top 3193'. Coil West

JEFFERSON COUNTY (continued)

1S, 4E

24, NW, SW, NE. The Stone Oil Co. #4-SWD Donoho. Conversion. Was Kirby Petro. Co. #1 Donoho, comp. 1964, OTD 3893', D&A, Comp. 1969 by National Assoc. Petro. Co. as Water Supply Well in Pennsylvanian 930-1003. Recomp. 8/15/78. COTD 1230'. SWD. Pennsylvanian, top 930'. Coil West.

2S, 1E

34, NE, NW, SE. Peter S. Smalley #1 Nick Rozanski. Abd. loc. Woodlawn.

3S, 1E

18, SW, NW, SE. Crystal Oil Co. #1 Kujawa. OWWO & OWDD. Was Nat'l. Assoc. Petro., #1 Schemming, D&A, OTD 3828', Comp. 7/16/57. Recomp. 8/26/78. TD 5030'. Plugged 8/26/78. D&A. Decorah, top 5013'. WF

4S, 4E

35, NW, SW, NE. Robinson Production, Inc. #1 Swilley-Pickel Consol. Spd. 5/19/78. Comp. 9/19/78. TD 4302'. D&A. Ullin, top 4214'. WF

LAWRENCE COUNTY

3N, 12W

19, NE, SE, SW. J & W Equipment Co. #8 Bridgeport South Unit. Conversion. Was Elder Oil Co. #B-3 Heath, Benoit Producer. Comp. 6/27/77. TD 1957'. Water Input. Benoit, top 1950'. Lawrence.

4N, 13W

13, C, NE, SE. Marathon Oil Co. #HH-10 E. C. Applegate. Conversion. Was McClosky Producer and Cypress Water Input. Comp. 8/14/78. COTD 1660'. Water Input. McClosky, top 1634'. Lawrence.

25, SW, SE, NE. Wayne Smith, Operator, Inc. #93 Pepple. Spd. 10/9/75. Comp. 6/1/76. TD 1719'. IP 10 B0/5 BW. Cypress, top 1532'. Lawrence.

MACON COUNTY

16N, 1E

14, NE, NE, SW. Dell Carroll Oil Properties #5 Krall. Spd. 7/7/78. Comp. 8/14/78. TD 2081'. IP 10 BOP. Silurian, top 2058', MCA & Shot. Harristown.

36, C E/2, NW, SE. W. A. Corley #2 Allie Hill Comm. Spd. 8/23/78. Comp. 8/29/78. TD 2203'. Plugged 8/29/78. D&A. Silurian, top 2138'. Harristown So.

36, NE, SW, SE. W. A. Corley #4 Howard Hill. Spd. 8/30/78. Comp. 9/5/78. TD 2159'. Plugged 9/5/78. D&A. Silurian, top 2139'. Harristown So.

MADISON COUNTY

6N, 6W

Irr. 19, 330' SL, 330' WL, NE, SE. Carl Wilson #2 Ahrens. Abd. loc. Livingston.

MARION COUNTY

1N, 3E

19, 330' SL, 1709.6' EL, SE. G.A.M. Oil Co. #1 Brasel. OWWO & Conversion. OTD 2914'. Was D&A. Comp. 8/15/78. SWD. Pennsylvanian, top Not Available. Kell No.

4N, 1E

26, SE, NW, SW. Fear & Duncan Oil Prod. #2 Chandler. Spd. 6/6/77. Comp. 8/15/78. TD 1379'. Temp. Abd. Cypress, top 1342'. Patoka East.

RICHLAND COUNTY

2N, 14W

17, SE, SW, SE. Viking Oil Co. #1 Imogene Fishel. Spd. 5/22/78. Comp. 6/28/78. TD 4118'. IP 20 BO/30 BW. Salem, top 3792'; Ullin, top 3962'. Parkersburg Consol. SALEM & ULLIN NEW PAYS IN FIELD.

20, C N/2, NW, NE. Viking Oil Co. #1 Roy Goldman. Spd. 7/5/78. Comp. 8/14/78. TD 3812'. IP 25 BO/25 BW. OHara, top 3116'. Parkersburg Consol.

3N, 9E

17, C, NE, SW. Union Oil Co. of Calif. #2 Hog Run Cons-McFarlin et al. Conversion. Was #2 McFarlin et al. Was Spar Mountain producer, converted to McClosky Water Input in 1961. Comp. 8/25/78. PBTD 2058'. SWD. Pennsylvanian, top 1870'. Clay City Consol.

SANGAMON COUNTY

15N, 2W

Irr. 6, 1650' SL, 1980' EL, NW. John Carey Oil Co., Inc. #1 Darnall Trust Comm. Spd. 6/3/78. Comp. 9/19/78. TD 1813'. IP 80 BOP/40 BW. Silurian, top 1666', Frac. Roby East.

16N, 2W

29, NW, SW, SW. Comanche Oil Corp. #2 Fait. Spd. 8/3/78. Comp. 8/29/78. TD 1813'. D&A. Silurian, top 1770'. Raby East.

30, NE, SW, SE. John Carey Oil Co., Inc. #2-A Hampton. Spd. 4/27/78. Comp. 4/30/78. TD 1790'. IP 54 BO. Silurian, top 1755'. Roby East.

SHELBY COUNTY

10N, 1E

20, SW, SE, SW. Energy Resources of Ind., Inc. #1-SWD Vincent Sommer. Conversion. Operator was C. E. Brehm. Comp. 3/1/75. Was Lingle (Devonian) producer. Recomp. 8/78. COTD 3080'. SWD. Lingle (Devonian), top 2842-48', Frac. Oconeef.

WABASH COUNTY

1N, 12W

18, NW, SW, NW. Loeffler Oil Corp. #1 Eugene Tennis. Spd. 7/1/78. Comp. 8/22/78. TD 1650'. IP 2 BOP. Biehl, top 1412'. Allendale.

21, SW, SE, SW. Gilbert A. Higgins #9 Rudy Christy. Spd. 6/24/78. Comp. 8/22/78. TD 2370'. IP 6 BOP. Aux Vases, top 2268'; Spar Mountain, top 2329', Acid & Frac. Allendale.

Irr. 25, 330'NL, 330'WL, NW. William C. Padgett #1 Byrel McFarland. Spd. 8/26/78. Comp. 9/12/78. TD 1605'. Plugged 8/25/78. D&A. Palestine, top 1525'. Allendale.

28, 330'SL, 545'WL, SE, SW. Gilbert A. Higgins #3-WI Rudy Christy. Spd. 6/5/78. Comp. 7/14/78. TD 2394. Water Input. Cypress, top 2023'. Allendale.

28, 400'NL, 440'WL, NE, NW. Gilbert A. Higgins #6 Rudy Christy. Spd. 6/10/78. Comp. 8/22/78. TD 2322. IP 12 BOP. Aux Vases, top 2265', Acid & Frac. Allendale.

28, SE, SE, NW. Gilbert A. Higgins #7 Rudy Christy. Spd. 6/15/78. Comp. 8/22/78. TD 2350'. SIGN, IP Not Available. Aux Vases, top 2273', Acid & Frac. Allendale.

28, SW, NE, SW. Gilbert A. Higgins #8 Rudy Christy. OWWO. Was G. S. Eugle, #4 J. Schafer, D&A, COTD 2391'. Comp. 9/20/55. Recomp. 8/20/78. TD 2391'. IP 15 BOP. Paint Creek Sd., top 2104'; Aux Vases, top 2271', Acid & Frac. Allendale.

28, 330'NL, 360'WL, SW, NE. Gilbert A. Higgins #1 James D. Stillwell. OWWO. Was Geo. Engle, #1-A H. Stillwell, D&A, OTD 2401'. Comp. 8/47. Recomp. 8/22/78. COTD 2401'. IP 11 BOP/1 BW. Aux Vases, top 2257', Acid & Frac. Allendale.

29, SE, SE, SE. Hocking Oil Co., Inc. #1 Charles Moeller. Spd. 4/11/78. Comp. 9/19/78. TD 3700'. D&A. Ft. Payne, top 3232'. Allendale.

1S, 14W

34, NW, NE, SW. Rush Creek Oil, Inc. #1 Robert Z. Morris. Spd. 10/26/77. Comp. 7/25/78. TD 2710'. D&A. Cypress, top 2691'. Browns.

34, 330'NL, 430'WL, NE, SW. Gene Michel #1-A Robert Z. Morris. Spd. 7/27/78. Comp. 9/19/78. TD 2707'. Temp. abd. Cypress, top. 2687'. Browns.

WAYNE COUNTY

1N, 5E

Irr. 31, 330'SL, 990'WL, NE, NE. Bufay Oil Co. #1 Earlene Greenwalt. Spd. 7/18/78. Comp. 9/12/78. TD 2957'. IP 110 BOP. Aux Vases, top 2792, MCA. Coil No.

## WAYNE COUNTY (continued)

1N, 7E

35, SW, NW, NE. Hocking Oil Co., Inc. #1 Mildred Robison. Spd. 4/13/78. Comp. 8/29/78. TD 3855'. IP 10 BOP/40 BW. Spar Mountain, top 3135', MCA. Clay City Consol.

1N, 8E

Irr. 3, 330' SL, 660' EL, SW, NW. Donald E. Schmitt #1 W. Obrecht. Spd. 7/15/78. Comp. 9/12/78. TD 3840'. IP 47 BOP. Spar Mountain, top 3045', MCA. Clay City Consol.

2N, 7E

22, SE, NE, NE. Southern Ill. Oil Prod., Inc. #2 Henderson. OWOO. Was Pure #1 Hickenbottom Consol "B," D&A. Comp. 8/20/78. TD 3078'. IP 25 BO/25 BW. Aux Vases, top 2942'; McClosky, top 3052', Acid & Frac. Clay City Consol.

2N, 8E

28, SE, NW, SE. Booth Oil Co., Inc. #1 Brummett. Spd. 7/7/78. Comp. 9/12/78. TD 3760'. IP 114 BOP/120 BW. Salem, top 3548', MCA & Acid. Clay City Consol.

32, NE, NE, NE. GAB Oil Co., Inc. #1 Skelton. Abd. loc. Clay City Consol.

1S, 5E

19, NW, NE, SW. Farmers Petro. Cooperative, Inc. #1 Byars. Abd. loc. Coil

19, SW, NW, NW. Louis H. Kapp, Jr. #4 Donoho. Spd. 8/9/78. Comp. 9/7/78. TD 3546'. IP 50 BO/20 BW. Salem, top 3494', Acid. Coil.

36, SE, NW, NE. Crest Oil Co., Inc. #1 Shreve. OWDD. Was Magnolia #2 S. A. Talbert, Comp. 1951, OTD 3210', D&A. Comp. 8/30/78. DDTD 3850'. Plugged 8/31/78. D&A. Ullin, top 3780' (est). Keenville East.

1S, 6E

20, SE, SW, NE. Bufay Oil Co. #1 Dorothy Dickey. Spd. 6/19/78. Comp. 7/26/78. TD 3201'. IP 62 BO. Aux Vases, top 3038'. Johnsonville Consol.

20, SE, SE, NE. Bufay Oil Co. #2 Pearl Dickey. Spd. 6/78. Comp. 8/16/78. TD 3224'. SWD. Aux Vases, top 3060'. Johnsonville Consol.

20, NW, SE, NE. Bufay Oil Co. #4 Pearl Dickey. Spd. 8/23/78. Comp. 8/30/78. TD 3225'. Plugged 8/30/78. D&A. Ste Genevieve, top 3104'. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

31, SW, NW, NW. Bernard Podolsky #1 R. Matthews Comm. OWWO. Was Shakespeare Oil Co., OTD 3816', D&A. Comp. 7/28/78. TD 3861'. IP 16 BO/65 BW. Salem, top 3757', Acid. Keenville East

1S, 7E

33, SE, NW, NW. Jerry E. Friend #1 Collins. Spd. 6/7/78. Comp. 8/22/78. TD 4007'. IP 50 BOP/100 BW. Aux Vases, top 3176', Acid & Frac. Clay City Consol.

2S, 7E

3, 720'NL, 330'WL, SW, SE. Van Fossan Oil Assoc. #3 Vada Bunting. Abd. loc. Clay City Consol.

3, 990'NL, 1570'WL, SE. Van Fossan Oil Assoc. #6 R. H. Carter. Spd. 7/22/78. Comp. 9/5/78. TD 3867'. IP 28 BOP. OHara, top 3178', MCA & Acid. Clay City Consol.

10, NE, NE, NW. Van Fossan Oil Assoc. #1 Bunting "A" Lease. OWDD. Was Jabe Anderson #1 Jewell-Bunting, D&A, OTD 3299', Comp. 10/65. Recomp. 8/11/78. TD 3925'. D&A So. Ullin, top 3905'. Clay City Consol.

2S, 8E

24, NE, NW, NE. Robinson Prod., Inc. #1 R. Hooper. Spd. 6/3/78. Comp. 9/19/78. TD 4348'. IP 3 BOP. OHara, top 3431', MCA & Acid. Goldengate No. Consol. EXTENSION TO FIELD.

2S, 9E

7, SW, NE, NE. M. J. Williams #1 Lock. OWWD. Was Winmar Oil Co., D&A. Comp. 8/29/77. COTD. 3456'. Plugged 8/29/78. D&A. Ste. Genevieve, top 3300'. Goldengate No. Consol.

3S, 8E

7, NW, SW, NE. Robinson Prod., Inc. #1 Atteberry. Spd. 6/16/78. Comp. 8/14/78. TD 4340'. Plugged 8/14/78. D&A. Ullin, top 4280', Acid & Frac. Mill Shoals.

3S, 9E

6, 330'SL, 405'WL, NE, SE. Van Fossan Oil Assoc. #1 Carroll Dozier. Spd. 7/8/78. Comp. 9/5/78. TD 4306'. IP 36 BOP. Ullin, top 4241', Acid. Goldengate Consol.

7, SW, NW, NE. Jerry E. Friend #2 Noel J. Vaughn Jr. Conversion. Was John S. Carter #3 C. B. Harris, D&A. COTD 3440'. Salt Water Disposal. Aux Vases, top 3308'. Goldengate Consol.

WHITE COUNTY

3S, 10E

36, 500'NL, 330'EL, SE, SW. Barger Engineering, Inc. #1 Sturm-Piland Comm. Spd. 8/20/78. Comp. 9/5/78. TD 3133. D&A. OHara, top 3090'. Phillipstown Consol.

WHITE COUNTY (continued)

4S, 8E

29, NE, SE, SW. Gilbert W. Andrews #3-A Mary Ward. Spd. 5/28/78. Comp. 9/12/78. TD 3406'. IP 25 BOP/50 BW. Aux Vases, top 3400', Frac. Springerton South.

29, SW, NW, SE. Absher Oil Co. #2 Van Ward. Spd. 7/2/78. Comp. 8/15/78. TD 3532'. IP 40 BOP/21 BW. Aux Vases, top 3385', Acid. Springerton South.

29, SE, SW, SW. Perry Fulk Unit #1 Clyde Woodrow et al. Conversion. Was Aux Vases Prod. Comp. 3/24/78. TD 3407'. Salt Water Disposal. Cypress, top 3150'. Springerton South.

32, SW, NE, SE. RK Petro. Corp. #9 Warthen Comm. Spd. 7/29/78. Comp. 8/29/78. TD 3340'. IP 72 BOP. Aux Vases, top 3323', Frac. Springerton South.

32, NE, NW, NW. Perry Fulk #1 Clyde Woodrow et al "C" Unit. Spd. 5/20/78. Comp. 6/6/78. TD 3360. IP 18 BO/25 BW. Aux Vases, top 3354'. Springerton South.

34, NW, SE, SW. RK Petro. Corp. #1 Bertha Leathers. Abd. loc. Springerton South.

4S, 10E

36, 330'NL, 911'WL, SE. Barger Engineering, Inc. #5 Aerial H. Cleveland. Spd 3/3/78. Comp. 9/12/78. TD 2450. IP 33 BOP. Tar Springs, top 2201'. Phillipstown Consol.

4S, 11E

Irr. 31, 330'SL, 330'WL, SE, SW. Barger Engineering, Inc. #1 C. T. Spencer. OWNO & OWDD. Was Jarvis & Marcell #1 C. T. Spencer, Tar Springs Prod., OTD 2357', Comp. 11/42. Recomp. 8/11/78. DTD 3052'. IP 33 BOP/10 BW. Aux Vases, top 2951', Frac; McClosky, top 3034', Frac. Phillipstown Consol.

4S, 13W

19, C N/2, SW, NW. Gene Michel #3 Hagedorn. Spd. 7/7/78. Comp. 9/19/78. TD 1888'. IP 20 BOP/4 BW. Clore, top 1870'. Black River.

4S, 14W

14, SW, SW, SW. The Superior Oil Co. #42 E. M. Fitton (N. E. Unit). Conversion. Was Tar Springs & Cypress Prod. Comp. 7/11/78. COTD 2609'. Water Input. Tar Springs, top 2201'. New Harmony Consol.

17, 330'NL, 360'EL, SE, NL. Joe Simpkins Oil Developments #7 V&T Boultinghouse. Conversion. Operator was Calvin Oil Co., Aux Vases Prod. converted to water input in Aux Vases. Comp. 8/7/77. PBT 2190'. 10 BO/5 BW. Waltersburg, top 2129'. New Harmony Consol.

## WHITE COUNTY (continued)

4S, 14W

18, 330'NL, 990'WL, SW, SW. Sun Oil Co. #3 Carr-Renshaw Tr. 2. OWWO. Was #3 Renshaw, McClosky Producer. Comp. 7/23/78. TD 3098'. IP 4 BO/12 EW. Mansfield, top 1686'. Phillips-town Consol.

23, NE, SW, NW. The Superior Oil Co. #24 E. M. Fitton (N. E. Unit). Conversion. Was Tar Springs, Cypress, and Aux Vases Prod. Comp. 7/15/78. PBTD 2620'. Water Input. Tar Springs, top 2196'; Cypress, top 2587'. New Harmony Consol.

23, SW, NW, NW. The Superior Oil Co. #31 E. M. Fitton (N. E. Unit). Conversion. Was Cypress Prod. Comp. 7/21/78. PBTD 2615'. Water Input. Tar Springs, top 2196'; Cypress, top 2589'. New Harmony Consol.

23, 455'NL, 330'EL, SW, SW. The Superior Oil Co. #38 E. M. Fitton (N. E. Unit). Conversion. Was Cypress Prod. Comp. 6/23/78. PBTD 2611'. Water Input. Waltersburg, top 2125'; Cypress, top 2586'. New Harmony Consol.

23, SW, SE, SW. The Superior Oil Co. #51 E. M. Fitton (N. E. Unit). Conversion. Was Aux Vases Water Input. Comp. 7/21/78. PBTD 2670'. Water Input. Tar Springs, top 2202'; Cypress, top 2604'. New Harmony Consol.

23, SW, NW, SW. The Superior Oil Co. #2 Harry C. Ford (N. E. Unit). Conversion. Was Cypress Prod. Comp. 8/2/78. COTD 2601'. Water Input. Waltersburg, top 2110'; Tar Springs, top 2187'; Cypress, top 2584', Acid. New Harmony Consol.

27, SW, NE, NE. The Superior Oil Co. #3 E. M. Fitton (N. E. Unit). Conversion. Was Tar Springs & Cypress Prod., and Aux Vases Water Input. Comp. 6/12/78. PBTD 2630'. Water Input. Tar Springs, top 2191'; Cypress, top 2590'. New Harmony Consol.

28, 1164'SL, 330'WL, SE. The Superior Oil Co. #1 H. M. Ford (New Harmony Field Unit). Conversion. Was Bethel and Aux Vases Prod. Comp. 3/28/78. TD 2925. Water Input. Waltersburg, top 2120'; Cypress, top 2578'. New Harmony Consol.

Irr. 30, 330'SL, 330'WL, SE, SW. Absher Oil Co. #3 Atteberry. Spd. Spd. 8/1/78. Comp. 9/12/78. TD 2730'. IP 10 BOP/lots water. Cypress, top 2693', MCA. Phillipstown Consol.

33, 430'SL, 330'WL, NE, SE. The Superior Oil Co. #26 Given. Spd. 5/30/78. Comp. 7/26/78. TD 3400'. IP 100 BO/72 BW. McClosky, top 2890'; St. Louis, top 3086', Acid. New Harmony Consol.

WHITE COUNTY (continued)

5S, 14W

4, 280' SL, 330' EL, SW, SE. The Superior Oil Co. #39 H. C. Ford (New Harmony Unit). Conversion. Was Waltersburg, Tar Springs, Cypress, Bethel and Aux Vases Prod. Comp. 7/6/78. PBTB 2618'. Water Input. Cypress, top 2585'. New Harmony Consol.

4, 430' SL, 330' WL, NE, NE. The Superior Oil Co. #29 E. S. Greathouse. Spd. 3/1/77. Comp. 1/17/78. TD 5840'. IP 39 BOP/7 BW. Ullin, top 3856'; Acid & Frac. New Harmony Consol. New Harmony Consol.

4, 80' NL, 2125' WL, NW. The Superior Oil Co. #59 E. Greathouse (SW Unit). Spd. 5/11/78. Comp. 8/29/78. TD 3400'. IP 14 BO/104 BW. McClosky, top 2911'; St. Louis, top 3280'. New Harmony Consol.

4, 1120' NL, 2500' WL, NW. The Superior Oil Co. #60 E. Greathouse (SW Unit). Spd. 5/18/78. Comp. 8/17/78. TD 3400'. IP 75 BO/225 BW. McClosky, top 2898'; St. Louis, top 3330'. New Harmony Consol.

4, 200' NL, 2350' EL, NE. The Superior Oil Co. #31 E. S. Greathouse (SW Unit). Spd. 5/19/78. Comp. 8/22/78. TD 3400'. IP 79 BO/159 BW. McClosky, top 2904'; St. Louis, top 3078'. New Harmony Consol.

4, 1520' NL, 1100' EL, NE. The Superior Oil Co. #33 E. S. Greathouse (SW Unit). Spd. 7/18/78. Comp. 9/10/78. TD 3400'. IP 37 BO/10 BW. McClosky, top 2880'; St. Louis, top 3318'. New Harmony Consol.

4, 2220' NL, 400' EL, NE. The Superior Oil Co. #34 E. S. Greathouse (SW Unit). Spd. 6/21/78. Comp. 8/9/78. TD 3400'. IP 40 BO/74 BW. McClosky, top 2910'; St. Louis, top 3110', Acid. New Harmony Consol.

4, 1600' NL, 2400' EL, NE. The Superior Oil Co. #35 E. S. Greathouse (SW Unit). Spd. 6/10/78. Comp. 8/3/78. TD 3401'. IP 77 BO/44 BW. McClosky, top 2910; St. Louis, top 3046'. New Harmony Consol.

4, 2250' NL, 1750' EL, NE. The Superior Oil Co. #36 E. S. Greathouse (SW Unit). Spd. 5/31/78. Comp. 7/19/78. TD 3400'. IP 91 BO/20 BW. McClosky, top 2911'; St. Louis, top 3110'. New Harmony Consol.

4, 2620' SL, 970' EL, SE. The Superior Oil Co. #37 E. S. Greathouse (SW Unit). Spd. 7/5/78. Comp. 8/12/78. TD 3400'. IP 12 BO/117 BW. McClosky, top 2914'; St. Louis, top 3101'. New Harmony Consol.

WHITE COUNTY (continued)

6S, 9E

1, NE, NE, SE. Sun Oil Co. #3 Herbert Aldridge. Conversion. Was Sinclair Oil & Gas and Ohio Oil. Was Waltersburg & Aux Vases Prod. Comp. 8/30/78. PBTD 2600'. Water Supply Well. Tar Springs, top 2402'. Storms Consol.

6S, 10E

15, SW, NW, NW. Victor R. Gallagher #1 Ernest Morrill. Spd. 7/19/78. Comp. 7/29/78. TD 3950'. D&A. Ullin, top 3898'. Concord Consol.

7S, 11E

19, 330'NL, 380'EL, SW. Sun Oil Co. #4 Georgia N. Beotticher. OWWO. Was Sinclair Oil Co., Aux Vases Prod. Comp. 7/11/78. TD 2730'. IP 6 BO/45 BW. Cypress, top 2453'; Aux Vases, top 2717'. New Haven Consol.

\*CLARK COUNTY (continued from p. 10)

12N, 14W

32, 880'SL, 330'EL, SE, SE, SE. J. D. Kuykendall #3 W. W. Drake. Spd. 5/26/78. Comp. 8/22/78. TD 420. IP 6 BOP/lots water. St. Louis, top 305', shot. Westfield.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH SEPTEMBER 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## BROWN COUNTY

9-2S-4W, 330'NL, 400'WL, SW. Thomas W. Pannell #1-P Kenneth Lee. 690'.  
9/6/78. Silurian.  
9-2S-4W, 330'NL, 990'WL, SW. Houston & Weirather #2-P Kenneth Lee, formerly Thomas W. Pannell. 674'. 9/7/78. (water input, formerly a producer). Silurian.

## CRAWFORD COUNTY

31-6N-12W, NE NE NE. D. W. Drake & M. H. Dome #1 Charles W. Albert, formerly J. L. Black #1 E. C. Albert. 1462'. 8/29/78. Pennsylvanian.  
13-6N-13W, SW NE NW. Chester Wagstaff #1 May Malcolm. 1017'. 3/8/78.  
Pennsylvanian.  
13-6N-13W, SE NE NW. Chester Wagstaff #2 May Malcolm. 1022'. 3/15/78.  
Pennsylvanian.  
20-7N-12W, 283'SL, 1215'EL, SW. Logan Oil Co. #2 Lester Kirk. 986'.  
2/4/78. Robinson.  
Irr. 29-7N-12W, 805'NL, 1510'EL, NW. Logan Oil Co. #W-4 Lester Kirk, formerly Ohio Oil Co. #10 Joseph Kirk. 953'. 3/2/78. (skeleton log, water input, formerly a producer). Robinson.  
29-7N-12W, 1152'NL, 390'WL, NE. Logan Oil Co. #2-O A. G. Meserve Heirs. 954'. 2/24/78. Robinson.  
29-7N-12W, 270'NL, 290'WL, NE. Logan Oil Co. #0-1 A. G. Meserve Heirs. 1058'. 2/15/78. Pennsylvanian.  
4-7N-13W, 350'SL, 930'EL, SW. Forest Oil Corp. #P-22 I. W. Smith. 981'. 9/12/78. Robinson.

## EDWARDS COUNTY

36-2N-10E, NE NW NE. Black & Black Oil Co. #1 R. Wisner. 3259'. 8/23/78.  
OHara.

## FAYETTE COUNTY

34-8N-3E, NW SE NE. J. P. Babcock #5 McCloy, formerly Stewart Oil Co. 1591'. 9/18/78. (water input, formerly a producer). Paint Creek (Bethel).

## FRANKLIN COUNTY

36-5S-2E, SW NW NE. H & W Oil Co. #1 Walsh. 2723'. 8/25/78. Bethel and Aux Vases.  
23-6S-2E, 140'NL, 101'EL, SW NE. Nation Oil Co. #1 Kelly. (Benton Flood Unit #236). 2128'. 9/2/78. Tar Springs.  
26-6S-2E, 103'NL, 334'EL, SE. Manley Oil Corp. #2 Barney Lager (Benton Flood Unit #104). 2123'. 9/15/78. Tar Springs.  
30-6S-3E, 335'NL, 360'EL, NW SW. Shell Oil Co. #3-A McKemie, formerly E. S. Adkins (Benton Flood Unit #114-W). 2136'. 9/18/78. (water input, formerly a producer). Tar Springs.

## JASPER COUNTY

1-6N-10E, NE NE SE. Pointer Oil Co. #1 Shedelbower. 2692'. 9/9/66.  
Aux Vases.

## JEFFERSON COUNTY

29-1S-3E, 330' SL, 990' EL, SW NE. E. Homer Jahn #1 John Beal. 2623'.  
9/20/78. McClosky.  
29-1S-3E, 330' NL, 990' EL, NW SE. E. Homer Jahn #1 Homer Minor. 2605'.  
9/18/78. McClosky.

## LAWRENCE COUNTY

14-3N-12W, 430' NL, 330' WL, SE NE. David Rotstein #1 McPherson, formerly  
Coon Creek Co. #0-1. 1646'. 8/9/78. (water input, formerly a  
producer). Cypress.  
14-3N-12W, 330' SL, 330' WL, SE NE. David Rotstein #2 McPherson. 1660'.  
8/1/78. Cypress and Benoist.  
14-3N-13W, 330' SL, 330' EL, NE NW. Raymond Brikley #1-A Wiggins. 2189'.  
9/11/78. Benoist.  
29-4N-12W, 400' SL, 400' WL, NE NE. W. C. McBride, Inc. #4 John Greenlee.  
1605'. 9/5/78. Cypress.  
29-4N-12W, 500' NL, 330' WL, NE NE. Twin Exploration Co. #1 J. Greenlee.  
1728'. 9/6/78. Cypress and Benoist.

## MARION COUNTY

5-2N-3E, 660' NL, 330' WL, NW. Goose Creek Oil Co., Inc. #1 C. Glasco.  
3906'. 8/24/78. Geneva (Devonian).

## WASHINGTON COUNTY

26-1N-1W, 330' NL, 330' EL, NW. George E. Kuhn #1 Hazel Bierman. 1517'.  
9/20/78. Salt Water Disposal (Cypress) formerly a producer.  
Benoist.  
26-1N-1W, 330' NL, 405' EL, NE NW. George E. Kuhn #1-A Hazel Bierman.  
1517'. 9/22/78. Benoist.

## WAYNE COUNTY

9/1N/8E, SW SW SE. Hubert W. Rose, #1 A. Hockman. 3780'. 9/8/78.  
Salem.  
Irr. 19-1S-8E, SE SE SW. Gordon T. Jenkins #1 Staley. 4082'. 9/2/78.  
McClosky.  
21-1S-8E, NW NE NW. Slagter Prod. Co. #2E O. H. Gray. 3272'. 9/6/78.  
Aux Vases and McClosky.  
21-1S-8E, SE NW NW. Slagter Prod. Co. #5-E O. H. Gray. 3263'. 9/8/78.  
Aux Vases and McClosky.  
21-1S-8E, NE SE NW. Tamarack Petro. Co. #7-E O. H. Gray. 3183'. 9/12/78.  
Aux Vases.  
28-1S-9E, 330' SL, 330' EL, NW SE. Collins Bros. Oil #1 Alfred. 3302'.  
9/6/78. (water input, formerly a producer). McClosky.  
28-1S-9E, 330' NL, 660' WL, SE. Collins Bros. Oil #3 Alfred. 3356'.  
9/13/78. McClosky.  
28-1S-9E, 330' NL, 660' WL, SW SE. Collins Bros. Oil #2 Mabee Comm. 3301'.  
9/8/78. Spar Mountain.  
33-1S-9E, NW NE NW. Collins Bros. Oil #1 Phillip King. 3302'. 9/1/78.  
McClosky.

## WAYNE COUNTY

(continued)

27-2S-7E, 330' SL, 330' EL, NW. Gordon T. Jenkins #2 Lawrence Non-Unit.  
3386'. 8/28/78. OHara and Spar Mountain.

## WHITE COUNTY

17-4S-14W, 390' NL, 390' EL, SE NW. Sohio Pet. Co. #5-B Birdie R. Gray  
et al Tr., formerly Coy Oil, Inc. 2927'. 9/14/78. Water input  
(Cypress, Benoist and Aus Vases) formerly a producer. Cypress,  
Bethel, Aux Vases, OHara & Spar Mountain.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).

## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned  
Acid — Acid treatment  
BOF — Barrels of oil flowing  
BOP — Barrels of oil on pump  
BW — Barrels of water  
C — Center  
Comp. — Completed  
Consol. — Consolidated  
COTD — Clean-out total depth  
Csg. — Casing  
D & A — Dry and abandoned  
Dol. — Dolomite  
DTD — Drilled deeper total depth  
E/2 — East  $\frac{1}{2}$   
EL — From the east line  
Est. — Estimated  
Ext. — Extension(s)  
Fm. — Formation  
Fr. — Fractional  
Frac. — Hydraulic fracture treatment  
IP — Initial production  
L — Line  
Loc. — Location  
Ls. — Limestone  
N/2 — North  $\frac{1}{2}$   
Nat. — Natural, no treatment  
NE — Northeast  $\frac{1}{4}$   
NL — From the north line  
NW — Northwest  $\frac{1}{4}$

OTD — Old total depth  
OWDD — Old well drilled deeper  
OWWO — Old well worked over  
PB — Plugged back  
PBTD — Plugged-back total depth  
R — Range  
S/2 — South  $\frac{1}{2}$   
SE — Southeast  $\frac{1}{4}$   
SG — Show of gas  
Sh. — Shale  
SIGW — Shut-in gas well  
SL — From the south line  
SO — Show of oil  
Spd. — Spudded  
Ss. — Sandstone  
SSO — Slight show of oil  
SW — Southwest  $\frac{1}{4}$   
Swb. — Swabbing  
SWD — Salt water disposal well  
T — Township  
TD — Total depth  
Temp. abd. — Temporarily abandoned  
W/2 — West  $\frac{1}{2}$   
WF — Wildcat far (more than  $1\frac{1}{2}$  miles  
from production)  
WL — From the west line  
WN — Wildcat near ( $\frac{1}{2}$  to  $1\frac{1}{2}$  miles  
from production)



14.GS:  
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State of Illinois  
Department of Registration and Education

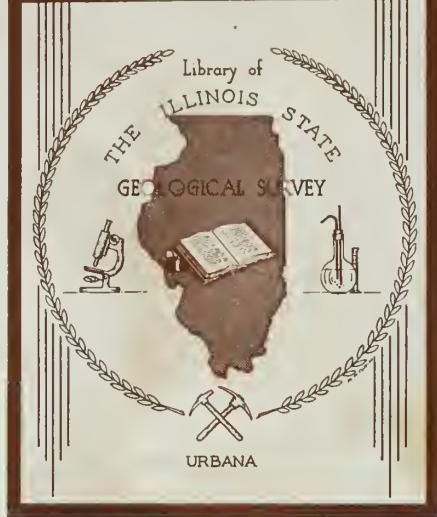
ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



## DISCOVERIES

### New Fields

None

### New Pay Zones in Fields

JOHNSONVILLE WEST. Wayne County, 35-1N-5E, Ullin at 3804'.  
Discovery well, Joe A. Dull #1 Cravens, IP 14 BOP, 12 BW.

NEW HARMONY CONSOLIDATED. White County, 27-4S-14W, Osage at 4374'.  
Discovery well, The Superior Oil Co. # C-17 H. C. Ford  
et al (OWWO, was Salem producer converted to McClosky  
water input), IP 12 BOP, 394 BW.

### Extensions to Fields

KEENVILLE. Wayne County, 22-1S-5E, Salem at 3452'.  
Discovery well, Fletcher F. Farrar #1 Meyers-Keen Comm.,  
IP 3 BOP, 18 BW.

TABLE I

New Pools Discovered from November 1977 through October 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>November 1977</u>			<u>April</u>		
Holliday Fayette County	9N	3E	None		
<u>Illiopolis</u> Sangamon County	16N	2W	<u>May</u>		
			Norris City West White County	6S	8E
<u>December</u>			<u>June</u>		
Spring Garden Jefferson County	4S	3E	None		
<u>January 1978</u>			<u>July</u>		
None			Pana Central Christian County	11N	1E
<u>February</u>			<u>August</u>		
None			None		
<u>March</u>			<u>September</u>		
Wayne City Wayne County	2S	6E	None		

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Production in		
	Field Wells	Discoveries	Newly Drilled	Reworked	Field Wells	Wildcat	Total	Thousands of	Barrels
	Field	Ext.	Holes	Dry Holes	Field Wells	Near	New	Tests	
<b>1977</b>									
Jan.	41(1)	0	0	37	4(1)	16	2	3	58
Feb.	33	0	1	34	0	8	3	1	46
Mar.	48(1)	0	1	42(1)	7	17	6	3	69
Apr.	50(1)	0	1	46(1)	5	11	3	5	66
May	59(1)	0	0	54(1)	5	21	10	0	86
June	58(3)	0	1	54(3)	5	32	12	7	103
July	40(1)	0	1(2)	39(3)	2	26	13	3	84
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103
Oct.	53	0	2	46	9	36	9	5	96
Nov.	60(3)	2	2	61(3)	3	27	12	5	108
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036
									25,609
<b>1978</b>									
Jan.	38	0	1	38	1	7	1	2	48
Feb.	55(1)	0	0	52(1)	3	29	9	3	94
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63
Apr.	25	0	2	23	4	7	2	2	34
May	18	1	2	20	1	32	8	5	65
June	44	0	2	42	4	43	11	9	105
July	55(4)	1	2	54(4)	4	37	7	9	111
Aug.	26(2)	0	0	21(2)	5	36	11	6	76
Sept.	66(4)	0	4	63(4)	7	22	1	2	92
Oct.	43	0	1	44	0	42	12	10	108
									1,995

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1978 are from reports received directly from crude gathering companies. The figure for October 1978 is estimated.

TABLE III  
Drilling by Counties, Oil and Gas, October 1978

County	Permits to Drill*	Production Tests				Service Wells			Struc- ture Tests	
		Total Comp.	New Holes		D&A to Prod.	New	Conversions			
			Prod.	D&A			Were Prod.	Others		
Bond	4	1	-	1	-	-	-	-	-	
Brown	-	1	-	1	-	-	-	-	-	
Christian	1	1	1	-	-	-	-	-	-	
Clark	1	3	1	2	-	-	-	-	-	
Clay	8	8	7	1	-	-	-	-	-	
Clinton	2	-	-	-	-	-	-	-	-	
Coles	-	1	-	1	-	-	-	-	-	
Crawford	12	10	5	1	-	4	-	-	-	
Cumberland	-	1	-	1	-	-	-	-	-	
Edwards	6	4	1	3	-	-	-	-	-	
Fayette	3	2	-	2	-	-	-	-	-	
Franklin	5	1	-	1	-	-	-	-	-	
Gallatin	3	5	1	4	-	-	-	-	-	
Hamilton	1	5	-	3	-	-	2	-	-	
Jasper	-	3	3	-	-	-	-	-	-	
Jefferson	13	3	-	3	-	-	-	-	-	
Lawrence	6	12	5	3	-	4	-	-	-	
Macon	5	1	-	1	-	-	-	-	-	
Macoupin	2	-	-	-	-	-	-	-	-	
Madison	1	2	-	2	-	-	-	-	-	
Marion	3	7	-	7	-	-	-	-	-	
Monroe	1	-	-	-	-	-	-	-	-	
Montgomery	-	1	-	-	-	-	1	-	-	
Perry	-	1	-	1	-	-	-	-	-	
Randolph	1	-	-	-	-	-	-	-	-	
Richland	2	4	1	3	-	-	-	-	-	
Saline	-	2	-	2	-	-	-	-	-	
Sangamon	2	-	-	-	-	-	-	-	-	
Wabash	2	7	3	4	-	-	-	-	-	
Washington	5	4	2	2	-	-	-	-	-	
Wayne	23	19	11	8	-	-	-	-	-	
White	28	10	3	6	-	-	1	-	-	
Williamson	-	1	-	1	-	-	-	-	-	
	140	120	44	64	-	8	4	-	-	

\*Issued by Department of Mines and Minerals, Springfield, Illinois, October 3, 1978 through October 24, 1978.

TABLE IV  
Drilling by Counties, Natural Gas Storage, October 1978

County	Permits to Drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Fayette	-	2	2	-	-	-
McDonough	-	2	2	-	-	-
	-	4	4	-	-	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, October 3, 1978 through October 24, 1978.

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

**CORRECTION.** The heading for Table IV, page 5, in the September Drilling Report, "Drilling by Counties, Natural Gas Storage, August 1978," should have read, "Drilling by Counties, Natural Gas Storage, September 1978."

### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

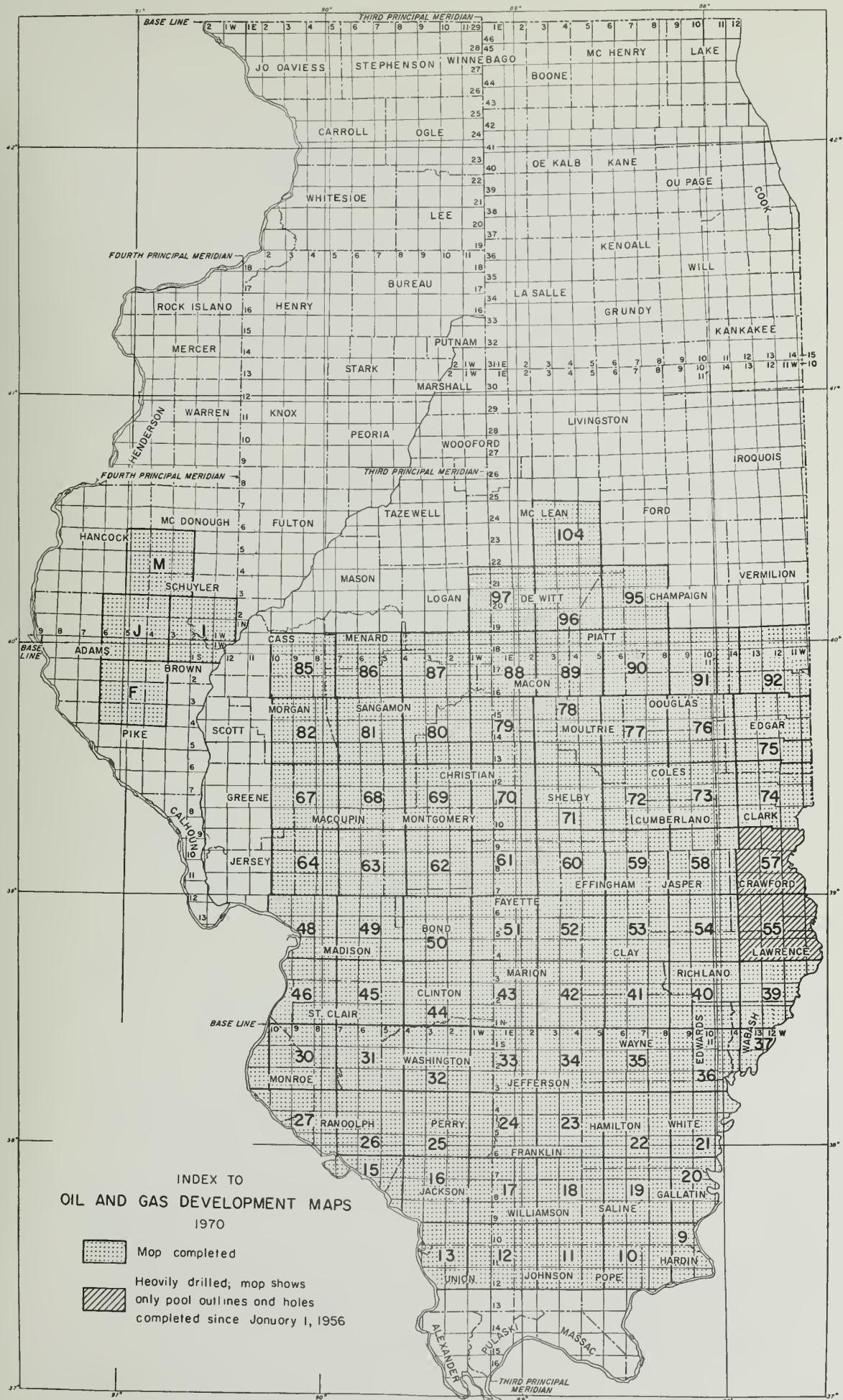
### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The maps (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)





## WELLS COMPLETED FROM SEPTEMBER 30, 1978 TO OCTOBER 27, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

5N, 4W

21, 330'NL, 357'WL, SW NW NE. Leland Monken #1 Kenneth File. Spd. 8-29-78. Comp. 9-12-78. TD 663'. D&A. Pennsylvanian, top 613'. Old Ripley.

BROWN COUNTY

2S, 4W

16, SW NW NW. Henry L. Bush #3 Henry & Richard Bush. Spd. 8-5-78. Comp. 9-8-78. TD 633'. D&A. Silurian, top 630' est. Siloam.

CHAMPAIGN COUNTY

17N, 9E

33, SE SE SW. John Phillip Beatty #1 M. Bozdech. OJDD. Was D&A, OTD 550'. Comp. 10-1-78. DDTD 1088'. D&A. Silurian, top Not Available. WF.

CHRISTIAN COUNTY

14N, 2W

20, 380'SL, 330'WL, SW SE NE. Robert H. Evans #2-A Oblinger. Spd. 2-20-78. Comp. 9-26-78. TD 1983'. IP 10 BOP. Devonian, top 1978', MCA. Sharpsburg.

CLARK COUNTY

9N, 12W

19, SW NW NW. Able Energy Co., Inc. #1 Lloyd E. Nash. Spd. 9-22-78. Comp. 9-29-78. TD 2836'. D&A. Grand Tower, top 2770'. WN-Melrose.

10N, 14W

25, NE NW SE. Raymond A. Messman #1 Sarah Dodd et al. Spd. 10-8-77. Comp. 10-17-78. TD 2900'. IP 25 BOP/Lots wtr. Trenton, top 2817', Acid & Frac. Johnson North.

11N, 14W

14, SW SE SE. James A. Southerland #1 David Schiver. Spd. 8-22-78. Comp. 8-30-78. TD 519'. D&A. Pennsylvanian, top 292'. Westfield East.

CLAY COUNTY

3N, 6E

16, C S/2 SW NW. R. Michael Harris, Inc. #1-A Lucille Mearns. OWWO. Was Sthn. Ill. Oil Prod., D&A, OTD 6032', Comp. 5-22-73. Recomp. 10-17-78. COTD 3650'. Temp. Abd. Salem, top 3586'. Kenner North.

CLAY COUNTY (cont'd.)

3N, 7E

9, 330' SL, 330' EL, NE NE. Franklin Oil Co., Inc. #5  
 German. Spd. 2-12-78. Comp. 10-3-78. TD 2589'.  
 IP 6 BOP/Seme wtr. Cypress, top 2585', Frac.  
 Sailor Springs Consol.

14, NW SW NW. Booth Oil Co. #1 Gill. Spd. 3-11-78. Comp.  
 10-10-78. TD 2648'. IP 3 BOP. Cypress, top 2637',  
 Shot. Sailor Springs Consol.

3N, 8E

14, NW SE NW. Crest Oil Co., Inc. #1 Hartley. Spd.  
 8-1-78. Comp. 10-10-78. TD 3726'. IP 84 BOP.  
 Salem, top 3370', MCA & Acid. Clay City Consol.

4N, 6E

20, SW SW NE. McKinney Oil Prod., Inc. #1-A I. Allen.  
 Spd. 8-17-78. Comp. 9-25-78. TD 2834'. IP 14 BOP.  
 McClosky, top 2820', Acid. Louisville.

4N, 7E

20, NW SE NW. McKinney Oil Prod., Inc. #1 Bible. Spd.  
 8-30-78. Comp. 10-1-78. TD 2993'. IP 49 BOP/40  
 BW. Aux Vases, top 2912', MCA & Frac. Sailor  
 Springs Consol.

20, SW NW NE. Dean Sutton #1 McCollum. Spd. 6-22-78.  
 Comp. 8-29-78. TD 3070'. IP 5 BOP/40 BW. Aux  
 Vases, top 2894', Acid. Sailor Springs Consol.

4N, 5E

21, NE NE SW. C. E. Brehm Drdg. & Prod. #1 King. Spd.  
 8-19-78. Comp. 8-24-78. TD 2800'. D&A. Ste  
 Genevieve, top 2625' est. WN-Oskaloosa.

5N, 8E

Irr. 30, 330' NL, 330' WL, NE SE. Watch-It=Oil Co. #1  
 Mullins. Spd. 8-7-78. Comp. 10-17-78. TD 2561'.  
 IP 35 BOP. Cypress, top 2538', Acid. Sailor  
 Springs Consol.

COLES COUNTY

13N, 10E

21, SW SE SW. John Carlson #1 Everett Snider. Spd.  
 8-21-78. Comp. 9-11-78. TD 649'. D&A. Carper,  
 top Not Available. WF.

CRAWFORD COUNTY

6N, 13W

35, 370' SL, 340' WL NW NE. Lamar Properties #1-A Stagner.  
 Spd. 6-10-78. Comp. 10-17-78. TD 4029'. IP 30  
 BOP/10 BW. Trenton, top 3919', MCA & Acid.  
 Main Consol.

CRAWFORD COUNTY (cont'd.)

7N, 11W

34, 330'NL, 380'WL, SW SW, Fair-Rite Products Corp.  
 #1-A Fair-Rite Comm. Spd. 3-22-77. Comp. 6-27-78.  
 TD 694'. SIGW. Pennsylvanian, top 589'.  
 Extension to Main Consol. This well was  
 erroneously run as Temp. Abd. in the  
 July '78 Drdg. Report.

7N, 12W

Irr. 2, 330'NL, 330'EL, NW SW, Russ Randall, Inc. #2  
 H. Martin. Spd. 9-29-78. Comp. 10-1-78. TD  
 1025'. D&A. Robinson, top 1011'. Main  
 Consol.

2, NW NE SW, Russ Randall, Inc. #1 Purcell. Spd. 7-7-78.  
 Comp. 10-17-78. TD 1075'. IP 36 BOP/Some wtr.  
 Robinson, top 1010', MCA & Frac. Main Consol.

3, NE SW SE. Russ Randall, Inc. #1 L. Correll. Spd.  
 8-3-78. Comp. 10-17-78. TD 1080'. IP 35 BOP/Some  
 wtr. Robinson, top 1004', MCA & Frac.  
 Main Consol.

19, 874'NL, 865'WL, NE NW. Getty Oil Co. #R-1 P. K.  
 Conover. Spd. 10-17-77. Comp. 10-23-77. TD  
 1080'. Water Input. Robinson, top 934'.  
 Main Consol.

19, 514'NL, 520'WL, NE NW. Getty Oil Co. #R-3 P. K.  
 Conover. Spd. 10-28-77. Comp. 11-1-77. TD 1103'.  
 Water Input. Robinson, top 930'. Main  
 Consol.

19, 866'NL, 520'WL, NE NW. Getty Oil Co. #R-4 P. K.  
 Conover. Spd. 11-2-77. Comp. 11-6-77. TD 1088'.  
 Water Input. Robinson, top 902'. Main  
 Consol.

19, 1046'NL, 691'WL, NE NW. Getty Oil Co. #19 P. K.  
 Conover. Abd. Loc. Main Consol.

19, 702'NL, 1044'WL, NE NW. Getty Oil Co. #20 P. K.  
 Conover. Abd. Loc. Main Consol.

19, 342'NL, 700'WL, NE NW. Getty Oil Co. #21 P. K.  
 Conover. Abd. Loc. Main Consol.

19, 686'NL, 346'WL, NE NW. Getty Oil Co. #22 P. K.  
 Conover. Abd. Loc. Main Consol.

7N, 13W

15, NE SE NE. C. E. & Virginia Billingsley #4 Marion  
 D. Eaton. Spd. 7-27-78. Comp. 9-23-78. TD 1004'.  
 IP 5 BOP/30 BW. Pennsylvanian, top 959'.  
 Main Consol.

CRAWFORD COUNTY (cont'd.)

7N, 13W

15, 679' SL, 664' WL, SE NE. C. E. & Virginia Billingsley #1 Marion D. Eaton. Spd. 7-27-78. Comp. 7-28-78. TD 1011'. Water Input. Pennsylvanian, top Not Available. Main Consol.

22, SE NE NE. Petro. Exploration Co. #3-A Raymond C. & Sarah Henry. Abd. Loc. Main Consol.

8N, 13W

19, NE NE SE. Joseph G. Bigard #2 Roland Gwinn. Spd. 2-5-78. Comp. 10-17-78. TD 1164'. IP 2 BOP. Cypress, top 1158'. New Bellair.

CUMBERLAND COUNTY

10N, 11E

Irr. 18, 680' SL, 660' WL, NE NE. Partlow & Cochonour #1 C. R. Cochonour. Spd. 9-19-78. Comp. 9-27-78. TD 2140'. D&A. Devonian, top 2055'. Siggins.

EDWARDS COUNTY

1N, 10E

29, NW NE NW. Frank Yockey #1 Bennett-Weber Comm. Spd. 8-28-78. Comp. 9-14-78. TD 4205'. D&A. Ullin, top 4030'. Maple Grove Consol.

1N, 14W

Irr. 6, 630' SL, 330' EL, SW. Viking Oil Co. #1 Anderson Bros. Spd. 6-12-78. Comp. 8-1-78. TD 3905'. IP 25 BOP/10 BW. McClosky, top 3173'. Parkersburg Consol.

10, NW NE SW. M. C. Milam #1 J. Witte. Spd. 9-4-78. Comp. 9-10-78. TD 3055'. D&A. McClosky, top 2980'. Berryville Consol.

2S, 14W

27, NW NE SW. Ill. Mid-Continent & Dee Drdg. Co. #1 Schroeder "B". Spd. 10-1-78. Comp. 10-11-78. TD 3800'. D&A. Salem, top 3590' est. Albion East.

FAYETTE COUNTY

4N, 1W

12, SW NE SW. Helm Pet. Co. #1 Ballance. Spd. 9-12-78. Comp. 9-23-78. TD 3040'. D&A. Silurian, top 3031'. WF.

8N, 3E

32, 660' NL, 1848' EL, NE. Natural Gas Pipeline Co. of America #21-D W. Ireland. Spd. 3-31-78. Comp. 12-15-78. TD 3293'. Gas Injection-Withdrawel. Devonian, top 3116'. Louden.

FAYETTE COUNTY (cont'd)

8N, 3E

32, 1980' NL, 1843' EL, NE. Natural Gas Pipeline Co. of America #22-D W. Ireland. Spd. 3-12-78. Comp. 12-15-78. TD 3233'. Gas Injection & Withdrawal. Devonian, top 3119'. Louden.

9N, 3E

24, SE SE SE. John Carey Oil Co., Inc. #1 E. Phillips. Spd. 9-3-78. Comp. 9-9-78. TD 3148'. D&A. Devonian, top 3114'. Louden.

FRANKLIN COUNTY

5S, 3E

29, SE SE SE. Farmers Petro. Coop., Inc. #1-P Smith. OWDD. Was oil management, Inc. #2 O.D. Smith, Ohara Prod. OTD 2945'. Was Comp. 3-17-54. Recomp. 10-3-78. DDTD 3848'. IP 53 BOP/5 BW. Salem, top 3738', Frac. Whittington.

7S, 4E

34, SE NW SW. Hanson Oil Co., Inc. #3 Hughes. Spd. 9-20-78. Comp. 9-29-78. TD 3485'. D&A. St. Louis, top 3315'. Thompsonville.

GALLATIN COUNTY

7S, 10E

34, SE SE NW. Eugene E. Morris #1 Claude & Clyde Sutton. Spd. 9-13-78. Comp. 9-27-78. TD 2760'. D&A. Aux Vases, top 2715' est. Inman East Consol.

8S, 10E

16, NW NE SW. C. E. Brehm Drdg. & Prod. #2 Leach "C". Spd. 9-6-78. Comp. 9-12-78. TD 2891'. D&A. McClosky, top 2825' est. Inman East Consol.

17, NW NW SE. C. E. Brehm Drdg. & Prod. #2 Gray. Spd. 11-6-77. Comp. 11-22-77. TD 2766'. IP 50 BOP. Aux Vases, top 2738', Frac. Inman East Consol.

17, SW NE NE. C. E. Brehm Drdg. & Prod. #2 W. W. Gray "A". Spd. 8-29-78. Comp. 9-4-78. TD 2875'. D&A. McClosky, top 2830' est. Inman East Consol.

17, NE SE NE. C. E. Brehm Drdg. & Prod. #2 Leach "B". Spd. 9-13-78. Comp. 9-19-78. TD 2795'. D&A. Ste Genevieve, top 2745' est. Inman East Consol.

GRUNDY COUNTY

34N, 8E

20, 800' SL, 640' WL, SW. UPG, Inc. B78-1. Spd. 6-3-78. Comp. 6-23-78. TD 1925'. Observation. Mt. Simon, top Not Available.

GRUNDY COUNTY (cont'd.)

34N, 8E

20, 70' SL, 406' WL, SW. UPG, Inc. B78-3. Spd. 6-23-78.  
 Comp. 7-10-78. TD 1906'. Observation. Galesville,  
 top Not Available.

20, 330' SL, 1125' WL, SW. UPG, Inc. B78-2. Spd. 7-10-78.  
 Comp. 7-24-78. TD 1925'. Observation. Mt. Simon,  
 top Not Available.

HAMILTON COUNTY

3S, 5E

36, NW SW SE. Black Hawk Resources Corp. #57-36  
 Rubenacker. Spd. 9-1-78. Comp. 9-14-78. TD 4325'.  
 D&A. Ullin, top 4100' est. WF.

5S, 6E

27, 330' SL, 395' EL, SW SE. Herman S. Graham #3 T. M.  
 Friel. Conv. Was Carter Oil Co.; Bethel Prod.  
 Comp. 5-17-78. TD 3069. Water Input. Aux  
 Vases, top 3057'. Dale Consol.

6S, 6E

8, SE NE SE. Fear & Duncan Oil Prod. #2SWD Cox. Conv.  
 Was Calvert, Willis & Duncan #2 Cox; McClosky Prod.  
 Comp. 9-28-78. TD 3280'. SWD. McClosky,  
 top 3228'. Dale Consol.

6S, 7E

21, SE NE SE. Clarence Sherman #1 Benefiel-Arnold- ...  
 Hunt Unit. Spd. 9-11-78. Comp. 9-24-78. TD 4293'.  
 D&A. Ullin, top 4155' est. Dale Consol.

34, NE SW SE. F. E. Frassato #6 English Heirs. Spd.  
 8-30-78. Comp. 9-10-78. TD 3296'. D&A. McClosky,  
 top 3263'. Broughton.

JASPER COUNTY

6N, 11E

Irr. 6, 660' SL, 1000' WL, NW. Parrish Prod. Co. #1  
 Bigard-Eubank Communitized. Spd. 7-17-78. Comp.  
 10-3-78. TD 2750'. IP 18 BOP/20' BW.  
 McClosky, top 2652', MCA & Frac. Clay  
 City Consol.

Irr. 7, 330' NL, 330' WL, NW. J. E. St. Pierre-Geo. L.  
 Loving #1 Shaw. Spd. 1-6-78. Comp. 8-17-78.  
 TD 3202'. IP 5 BOP. Spar Mtn., top 2658',  
 Acid. Clay City Consol.

6N, 14W

Irr. 6, 330' NL, 330' EL, SE NE. Parrish Prod. Co. #1  
 G. Sheridan. OWWO. Was James A. Southerland, D&A,  
 OTD 3074', Comp. 9-4-77. Recomp. 10-17-78.  
 COTD 3074'. D&A. Salem, top 2387'. WN-  
 Clay City Consol.

JASPER COUNTY (cont'd.)

8N, 10E

15, NE SE NW. Valley National Properties #1 L. Kibler.  
 Spd. 8-2-78. Comp. 9-24-78. TD 2435'. IP 24 BOP.  
 McClosky, top 2458', Frac. Hidalgo South.

JEFFERSON COUNTY

1S, 4E

14, C S/2 SW SW. R. L. Burns Corp. #14-2 J. J. Branson.  
 Abd. Loc. Coil West.

2S, 4E

24, SE NW SE. O & G Corp. #1 Pepple et al-Southern  
 Railway Co. Comm. Spd. 9-18-78. Comp. 9-26-78.  
 TD 3950'. D&A. Ullin, top 3824'. Markham  
 City North.

4S, 3E

23, NW SW NW. C. E. Brehm Drdg. & Prod. #1 Fish Comm.  
 Spd. 9-12-78. Comp. 9-18-78. TD 3120'. D&A. Ste  
 Genevieve, top 3000' est. WF.

4S, 4E

30, NE NE SW. Collins Bros. Oil Co. #1 Behm. Spd. 9-5-78.  
 Comp. 9-12-78. TD 3271'. D&A. McClosky, top  
 3205' est. WF.

LAWRENCE COUNTY

2N, 12W

10, 30'NL, 660'EL, SE. Frances Gillespie #W-2 Deckard.  
 Spd. 1-28-74. Comp. 2-26-74. TD 800'. Water  
 Input. Pennsylvanian, top 762' est. Lawrence.

11, C NE SE. Frances Gillespie #W-1 Buchanan. Spd.  
 10-8-74. Comp. 10-29-74. TD 1308'. Water Input.,  
 Biehl, top 1236'. Lawrence.

11, 635'SL, 660'EL, NE SE. Frances Gillespie #W-2  
 Buchanan. Spd. 10-11-74. Comp. 11-1-74. TD 800'.  
 Water Input. Pennsylvanian, top 767'.  
 Lawrence.

11, 1220'SL, 25'EL, NE. Frances Gillespie #W-6 Ridgley.  
 Spd. 11-29-76. Comp. 12-1-76. TD 1252'. Water  
 Input. Biehl, top 1240'. Lawrence.

3N, 11W

Irr. 30, 1502'NL, 729'WL, NW. Illinois Oil Co. #04  
 Douglas. Spd. 7-25-78. Comp. 8-10-78. TD 941'.  
 IP 10 BOP/5 BW. Bridgeport, top 925'. Lawrence.

3N, 12W

11, 1492'SL, 455'EL, W/2 SE. Steven Tomko #RK-1A Roger  
 Kirkwood. Spd. 8-5-78. Comp. 10-3-78. TD 1900'.  
 IP 9 BOP. McClosky, top 1803'. Lawrence.

LAWRENCE COUNTY (cont'd.)

3N, 12W

24, 330' SL, 380' WL, NW. Acme Casing Pulling & Supply, Inc. #12 Lewis. Spd. 7-25-78. Comp. 10-3-78. TD 2534'. IP 35 BOP/TR Wtr. Cypress, top 1590', Frac. Lawrence.

28, 430' SL, 330' EL, NW SW. Black & Black Oil Co. #1 Simms. Spd. 9-12-78. Comp. 10-10-78. TD 2150'. D&A. McClosky, top 2113'. WN-Lawrence.

30, NE SW NW. Whiteside Oil Co. #1 Delbert Gowen. Spd. 7-28-78. Comp. S-2-78. TD 2125'. D&A. Renault, top 1965' est. Lawrence.

3N, 13W

11, NE SE SE. Jeriel Oil Prod., Inc. #5 M. Staats Comm. Spd. 8-7-78. Comp. 10-17-78. TD 2284'. IP 52 BOP/38 BW. McClosky, top 2234', Acid & Frac. Lawrence West.

11, SE NE NE. S.D.&L. Oil Prod. #2 Wheeler. Spd. 10-2-78. Comp. 10-6-78. TD 2275'. D&A. McClosky, top 2252'. Lawrence West.

4N, 12W

32, 751' SL, 564' EL, SW NW. Wayne Smith, Operator, Inc. #1-T C. Perkins. Spd. 12-27-77. Comp. 6-31-78. TD 4512'. IP 40 BOP. Trenton, top 4410', Frac. Lawrence.

McMOUNOUGH COUNTY

7N, 3W

32, 1300' NL, 459' WL, NW. Central Illinois Public Service Co. SM-15. Spd. 8-17-78. Comp. 9-7-78. TD 2800'. Gas Injection-Withdrawal. Mt. Simon, top 2673'.

31, 48' NL, 2779' EL, Sec. Central Illinois Public Service Co. SM-16. Spd. 9-12-78. Comp. 10-7-78. TD 2830'. Gas Injection-Withdrawal. Mt. Simon, top 2653'.

MACON COUNTY

16N, 1E

36, NE SE NW. W. A. Corley #1-C Howard & Christine Hill. Spd. 9-15-78. Comp. 9-20-78. TD 2158'. D&A. Silurian, top 2132'. Harristown South.

MADISON COUNTY

3N, 5W

6, SW SE NW. Ego Oil Co., Inc. #2 Frisse-Schmidt et al Comm. Spd. 7-12-78. Comp. 9-19-78. TD 2003'. D&A. Silurian, top 1820' est. WF.

5N, 6W

Irr. 6, 660' NL, 330' WL, NE SE. Ferdinand Suhre #1 Richard & Dorothy Suhre. Spd. 9-9-78. Comp. 10-10-78. TD 1770'. D&A. Silurian, top 1728'. WF

MARION COUNTY

1N, 1E

4, 330'NL, 380'WL, NE NE. Cecil W. Newcomb #1 Larry Evans  
 Comm. Spd. 8-28-78. Comp. 8-31-78. TD 1657'. D&A.  
 Cypress, top 1614'. Langewisch-Kuester.

4, 940'NL, 330'EL, NW. Cecil W. Newcomb #2 Robert Vogt.  
 Spd. 8-31-78. Comp. 9-5-78. TD 1645'. D&A. Cypress,  
 top 1625' est. Langewisch-Kuester.

1N, 3E

35, NE SE SE. Ernest Sherman #1 Marvin Donoho. Spd.  
 9-11-78. Comp. 9-27-78. TD 4500'. D&A. Devonian,  
 top 4230' est. WN-Exchange.

1N, 4E

36, 990'SL, 360'EL, NW SW. Bufay Oil Co. #1 Yvonne Lowery.  
 Spd. 9-18-78. Comp. 9-26-78. TD 3440'. D&A.  
 Salem, top 3150'. WF.

2N, 1E

8, 420'NL, 660'EL, NE. Shakespeare Oil Cc., Inc. #1-D A.  
 Benoist Est. Spd. 8-22-78. Comp. 9-26-78. TD 2954'.  
 Temp. Abd. Devonian, top 2906'. Sandoval.

33, SE SW SE. Cecil W. Newcomb #1 George Berndt. Spd.  
 9-7-78. Comp. 9-13-78. TD 1671'. D&A. Cypress,  
 top 1665'. Langewisch-Kuester.

2N, 3E

33, NW NW SE. Charles T. Evans #1 Lucy Ann Brough. Spd.  
 9-19-78. Comp. 9-23-78. TD 2800'. D&A. St. Louis,  
 top 2736'. WN-Exchange West.

MONTGOMERY COUNTY

8N, 5W

29, NW SE SW. Edward C. Koch #1-W Niemann. Conv. Was  
 W. R. Holmes #1 Niemann; Pennsylvanian Prod. Comp.  
 9-28-78. TD 602'. Water Input. Pennsylvanian,  
 top 600'. Mount Olive.

PERRY COUNTY

4S, 4W

3, NE NE SW. James H. Donnewald #1 Bozsa. Spd. 9-15-78.  
 Comp. 9-19-78. TD 1470'. D&A. Ste Genevieve, top  
 1370' est. WF.

RICHLAND COUNTY

2N, 9E

Irr. 6, 330'SL, 1650'EL, NE NW. Harold L. Mansfield #1  
 Fryman Kowa Comm. Spd. 8-25-78. Comp. 9-2-78. TD  
 3102'. D&A. McClosky, top 3004'. Schnell.

RICHLAND COUNTY (cont'd.)

2N, 14W

21, C W/2 SW NE. Shakespeare Oil Co., Inc. #1 G. H. Ridgeley. Spd. 9-2-78. Comp. 9-14-78. TD 4010'. D&A. Ullin, top 3870'. Parkersburg Consol.

3N, 9E

5, 2635' SL, 1700' EL SE. Union Oil Co. of Cal. #19 Colborn Cons.-Palmer-Taylor. Spd. 7-15-78. Comp. 10-10-78. TD 3662'. IP 94 BOP/200 BW. St. Louis, top 3316', Acid. Salem, top 3184', Acid. Clay City Consol.

4N, 14W

27, 530' SL, 330' WL, SE SE. Russ Randall, Inc. #2-A A. Herman. 9-5-78. Comp. 9-10-78. TD 2351'. D&A. Tar Springs, top 2338. Hadley.

SALINE COUNTY

8S, 7E

2, SE NW NE. Pricefields Oil, Inc. #1 Reeder-Garner Comm. Spd. 9-26-78. Comp. 10-2-78. TD 3096'. D&A. McClosky, top 3040 est. Eldorado Consol.

9S, 6E

8, SW NE SW. Downstate Exploration Co. #1 James Evans. Spd. 12-6-74. Comp. 3-21-75. TD 2450'. D&A. Paint Creek, top Not Available. Harrisburg West.

WABASH COUNTY

1N, 11W

Irr. 7, 330'S, 4040'E, Lot #3 of Location 1. M & M Operating Co. #5 Yelch et al. Spd. 9-19-78. Comp. 9-24-78. TD 2168'. D&A. Ste Genevieve, top 2107. Allendale.

1N, 12W

7, SE SW SW. Gilbert A. Higgins #2 J. R. Litherland. Spd. 9-14-78. Comp. 9-17-78. TD 1666'. D&A. Biehl, top 1555'. Allendale.

23, 580' NL, 139' EL, SE. A. M. Energy, Inc. #3 Chapman et al Unit. Spd. 6-29-78. Comp. 10-3-78. TD 1540'. IP 2 BOP/10 BW. Biehl, top 1451, MCA. Allendale.

1N, 13W

25, NE SW NE. Sandy Ridge Oil Co., Inc. #1 Elmer Hartwick. Spd. 9-5-78. Comp. 9-14-78. TD 3276'. D&A. Ullin, top 3177'. WN-Allendale.

2N, 12W

33, C S/2 NW NE. Bobby Lawrence #1A Margarett Pace. Abd. Loc. Allendale.

WABASH COUNTY (cont'd.)

1S, 12W

Irr. 6, 330'NL, 330'WL, SE NW. Southern Triangle Oil Co.  
 #1 Paul Trapp. Spd. 9-6-78. Comp. 9-15-78. TD  
 2480'. D&A. Ste Genevieve, top 2390' est.  
 Mt. Carmel.

2S, 14W

14, NE SW NW. Kendra Corp. #1 Harold Kleinschmidt. Spd.  
 4-13-78. Comp. 10-17-78. TD 3606'. IP 3-4 BOP.  
 Salem, top 3386', Frac. Brown's East.

26, NE SW NE. Hocking Oil Co., Inc. #2 Everett Leavens.  
 Spd. 7-27-78. Comp. 9-14-78. TD 2980'. IP 102 BOP.  
 Waltersburg, top 2119', Frac. New Harmony Consol.

WASHINGTON COUNTY

1S, 1W

32, NW SW SE. Collins Bros. Oil Co. #1 Mitchell. Spd.  
 8-22-78. Comp. 9-2-78. TD 3453'. D&A. Silurian,  
 top 3300' est. WN-Irvington West.

3S, 1W

7, NE SE SE. Farm Feeds Construction, Inc. #4 Naliborski.  
 Spd. 7-6-78. Comp. 8-31-78. TD 1263'. IP 30 BOP/10  
 BW. Cypress, top 1228', MCA & Frac. Dubois  
 Consol.

7, 330'SL, 350'EL, NE SE. Farm Feeds Const., Inc. #2  
 Rybacki. Spd. 8-12-78. Comp. 8-31-78. TD 1250'.  
 IP 25 BOP/25 BW. Cypress, top 1219', MCA & Frac.  
 Dubois Consol.

3S, 2W

1, 435'SL, 330'EL, NW NE. Cecil W. Newcomb #1 Leonard  
 Lamczyk. Spd. 8-7-78. Comp. 8-25-78. TD 1465'.  
 D&A. Benoist, top 1455'. WN-Dubois Consol.

WAYNE COUNTY

1N, 5E

32, SW NW NW. Bufay Oil Co. #1 Earlene Greenwalt et al.  
 Spd. 9-9-78. Comp. 10-10-78. TD 2849'. IP 70 BOP.  
 Aux Vases, top 2786', MCA. Coil North.

35, NW NW SE. Joe A. Dull #1 Cravens. Spd. 6-29-78.  
 Comp. 8-30-78. TD 3824'. IP 14 BOP/12 BW. Ullin,  
 top 3804', MCA. Johnsonville West. NEW PAY IN  
 FIELD.

1N, 6E

29, 330'SL, 430'EL, SE. Booth Oil Co., Inc. #1-A Greenwalt.  
 Spd. 8-30-78. Comp. 9-19-78. TD 3258'. D&A (SO):  
 McClosky, top 3251'. Johnsonville Consol.

WAYNE COUNTY (cont'd.)

1N, 7E

2, C S/2 NE SE. Van Fossan Oil Assoc. #1 Royal Barth. Spd. 9-14-78. Comp. 9-21-78. TD 3773'. D&A. Salem, top 3333'. Clay City Consol.

1N, 9E

12, NE NE NE. Shakespeare Oil Co., Inc. #1 J. Schott. Spd. 9-12-78. Comp. 9-20-78. TD 3360'. D&A. St. Louis, top 3336'. WN-Maple Grove Consol.

2N, 7E

23, SW NW NW. Hubert W. Rose #2 Henderson Comm. Spd. 7-2-78. Comp. 8-19-78. TD 3084'. IP 30 BOP/10 BW. Aux Vases, top 2923', Frac. Clay City Consol.

26, SE NE NE. Union Oil Co. of Calif. #C-3 T. R. Michels. Spd. 7-26-78. Comp. 10-10-78. TD 3662'. IP 100 BOP/290 BW. Aux Vases, top 2896', Acid. Salem, top 3312', Acid. Clay City Consol.

1S, 5E

19, NE SW NW. Farmers Petro. Coop., Inc. #2 Garrison. Spd. 7-31-78. Comp. 9-26-78. TD 3562'. 48 BOP/75 BW. Salem, top 3464', Acid. Coil.

22, 900' SL, 330' WL, SE SE. Fletcher F. Farrar #1 Meyers-Keen Comm. Spd. 8-8-78. Comp. 10-10-78. TD 3620'. IP 3 BOP/18 BW. Salem, top 3452', Acid. Keenville. EXTENSION TO KEENVILLE.

36, SW SW NE. Crest Oil Co., Inc. #1 Estel Barnard. Spd. 9-2-77. Comp. 9-26-78. TD 3765'. 6 BOP/Some Wtr. McClosky, top 3146', MCA. Salem, top 3750', MCA & Acid. Keenville East.

36, NE NW SE. Crest Oil Co., Inc. #2 Johnson. Spd. 3-14-78. Comp. 3-24-78. TD 3855'. D&A. Salem, top 3488'. Keenville East.

1S, 6E

20, NE NW SE. Texaco, Inc. #2 T. H. Dickey. Spd. 8-12-78. Comp. 10-10-78. TD 3230'. IP 104 BOP. McClosky, top 3188', Acid. Johnsonville Consol.

31, SE SE NW. Bernard Podolsky #1 Orville Talbert. Spd. 7-11-78. Comp. 10-3-78. TD 3890'. IP 9 BOP. Salem, top 3795', MCA. Keenville East.

2S, 7E

3, NE SE SE. Van Fossan Oil Assoc. #9 R. H. Carter. Spd. 10-2-78. Comp. 10-10-78. TD 3380'. D&A. St. Louis, top 3300' est. Clay City Consol.

WAYNE COUNTY (cont'd.)

2S, 7E

3, 370' SL, 330' WL, SE SE. Van Fossan Oil Assoc. #1 Carter-  
Weaver Comm. Spd. 9-1-78. Comp. 9-10-78. TD 3375'.  
D&A. St. Louis, top 3375'. Clay City Consol.

3, 330' NL, 400' WL, SE SE. Van Fossan Oil Assoc. #8 R. H.  
Carter. Spd. 8-1-78. Comp. 10-3-78. TD 3950'.  
IP 170 BOP. St. Louis, top 3325', MCA & Acid.  
Clay City Consol.

10, NE NW NE. Van Fossan Oil Assoc. #4 Vada Bunting.  
Spd. 8-22-78. Comp. 9-1-78. TD 3370'. D&A (SO).  
St. Louis, top 3236'. Clay City Consol.

2S, 9E

16, NW NW NE. Runyon Oil Exploration, Inc. #1 Herman  
Klemick. Abd. Loc. Goldengate North Consol.

31, NE NW SE. Runyon Oil Exploration, Inc. #1 Vaughn-  
Laws Comm. Spd. 7-15-78. Comp. 10-3-78. TD 3485'.  
IP 42 BOP. Aux Vases, top 3293'. Spar Mt.,  
top 3336'. Goldengate Consol.

3S, 6E

Irr. 5, 330' SL, 660' WL, NE SW. Comanche Oil Corp. #1  
Loren McKinney. OWNO. Was Texas Corp. #1 J. Lewis,  
D&A, OTD 3570', Comp. 7-8-41. Recomp. 8-7-78.  
COTD 3570'. D&A. St. Louis, top 3446'.  
Mayberry.

Irr. 5, 990' SL, 330' WL, NE SW. Comanche Oil Corp. #2  
McKinney. Spd. 9-6-78. Comp. 9-15-78. TD 3420'.  
D&A. McClosky, top 3379'. Mayberry.

WHITE COUNTY

4S, 8E

10, SW NW SE. C. E. Brehm Drdg. & Prod. #1 Ouindry.  
Spd. 9-7-78. Comp. 9-10-78. TD 3553'. D&A. Ste  
Genevieve, top 3430' est. WF.

26, NE SE NW. R. K. Petro. Corp. #1 Rosa Fleck et al.  
Spd. 9-5-78. Comp. 9-16-78. TD 3520'. D&A.  
McClosky, top 3500'. WN-Trumball North.

28, SE NW NW. Perry Fulk #1 Lawrence Lewis. Spd. 8-10-78.  
Comp. 8-25-78. TD 4445'. D&A. Ullin, top 4300'  
est. WN-Springerton South.

29, SE NE NW. Perry Fulk #2 Harold Thomas. Spd. 7-8-78.  
Comp. 10-10-78. TD 3489'. IP 80 BOP/4 BV. Aux  
Vases, top 3341, MCA & Acid. Spar Mt., top  
3450', MCA & Acid. Springerton South.

WHITE COUNTY (cont'd.)

4S, 8E

33, NE SW NW. Perry Fulk #1 Morris. Conv. Was Aux Vases Prod. Comp. 10-10-78. PBTD 3200'. SWD. Cypress, top 3106'. Hardinsburg, top 2854'. Springerton South.

4S, 13W

19, 3562'NL, 751'WL, NW. Gene Michel #4 Hagedorn. Spd. 7-13-78. Comp. 8-30-78. TD 1885'. IP 3 BOP/15 BW. Clore, top 1371'. Black River Consol. This well was erroneously run as WI in July, 1978 Drdg. Report.

4S, 14W

Irr. 7, 340'SL, 455'WL, NW SW. Absher Oil Co. #14 Garfield Parson. Spd. 9-7-78. Comp. 9-20-78. TD 4010'. D&A. Ullin, top 3900'est. Phillipstown Consol.

17, C W/2 SW SE. Absher Oil Co. #12 Bramlet. OWDD. Was Ryan Oil Co. #12 Bramlett "A"; Bethel Prod. OTD 2723'. Comp. 9-2-77. DTD 4489'. IP 6 BOP. St. Louis, top 3220', Natural. New Harmony Consol.

27, C SW SE. The Superior Oil Co. #C-17 H. C. Ford et al. OWWD & Conv. Was WI, McClosky OTD 2920'; originally Salem Prod., OTD 7682'. Recomp. & Conv. 1-10-78. COTD 5000'. IP 12 BOP/394 BW. Ft. Payne, top 4374', Acid. New Harmony Consol. NEW PAY IN FIELD.

5S, 8E

5, SE SE SW. R. K. Petro. Corp. #1 William McKnight et al. Spd. 9-4-78. Comp. 9-15-78. TD 3392'. D&A. Aux Vases, top 3350'. WN-Enfield North.

5S, 14W

4, 2500'SL, 2225'WL, SW. The Superior Oil Co. #17 H. C. Ford et al (SW Unit). Spd. 6-11-78. Comp. 8-31-78. TD 3400'. IP 24 BOP/29 BW. McClosky, top 2918', Acid. St. Louis, top 3182', Acid. New Harmony Consol.

4, 2500'SL, 2460'EL, SE. The Superior Oil Co. #62 H. C. Ford et al (SW Unit). Spd. 6-22-78. Comp. 9-8-78. TD 3410'. IP 14 BOP/22 BW. McClosky, top 2920', Acid. St. Louis, top 3206', Acid. New Harmony Consol.

6S, 9E

7, 380'SL, 330'EL, NE SE. A. L. Koker #1 Larry Huff. Spd. 5-15-78. Comp. 7-20-78. TD 2400'. D&A. Tar Springs, top 2320'. Roland Consol.

WHITE COUNTY (cont'd.)

7S, 9E

14, 420' SL, 965' WL, NW SW. Paul S. Knight #6 Williams.  
Abd. Loc. Herald Consol.

WILLIAMSON COUNTY

8S, 4E

29, NE NE NW. C. E. Brehm Drdg. & Prod. #2 Tidwell.  
Spd. 11-9-77. Comp. 11-14-77. TD 2903'. D&A.  
Ste Genevieve, top 2882'. Corinth.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH OCTOBER 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CLAY COUNTY

11-2N-5E, SE SE NW. Texaco Inc. #1 C. P. Gibson. 2750'. 9-22-78.  
Xenia East.  
11-2N-5E, SW SE SE. East Central Development Co., Inc. #1 Goad.  
2512'. 9-23-78. Xenia East.  
10-3N-7E, NE NE SW. W. C. McBride, Inc. #9 Willis Dehart. 2952'.  
9-26-78. Sailor Springs Consol.  
11-4N-8E, SE NW SE. Shakespeare Oil Co. #1 Henry Hinterscher,  
formerly W. W. Toler Drdg. Corp. 3031'. 9-28-78. (water  
input, formerly a producer). Passport.  
12-4N-8E, NW NW SW. James L. Black #A-1 Veronica Iffert. 3015'.  
10-2-78. Passport.

## CRAWFORD COUNTY

6-6N-12W, 160'NL, 330'WL, NW NW NW. Caliente Oil Co. #1 Walters.  
940'. 9-28-77. (not identified with Geological Records).  
Main Consol.  
6-6N-12W, 660'NL, 990'WL, NW NW. Caliente Oil Co. #2 Walters.  
1004'. 10-14-77. (not identified with Geological Records).  
Main Consol.  
6-6N-12W, 990'NL, 660'WL, NW NW. Caliente Oil Co. #3 Walters.  
960'. 10-5-77. (not identified with Geological Records).  
Main Consol.  
22-6N-12W, 567'SL, 196'WL, SW SE SW. Associated #2 Bussard.  
995'. 9-6-78. Main Consol.  
22-6N-12W, 2413'NL, 200'WL, E/2 SW. Associated #5 Bussard. 976'.  
9-8-78. Main Consol.  
28-6N-12W, 725'NL, 360'WL, NW SW. Shaffer Oil Co. #4 S. J.  
Parker. 1020'. 7-18-78. Main Consol.  
2-6N-13W, Approx. 330'NL, Approx 300'EL, NE SE NE. Caliente Oil  
Co. #12 George Walter. 957'. 7-29-77. (not identified with  
Geological Records). Main Consol.  
20-7N-12W, Approx. 1250'NL, Approx. 1100'WL, NW SW. Energy  
Resources Corp. #X-1 McComb. 950'. 10-20-77. (not identi-  
fied with Geological Records). Main Consol.  
1-7N-13W, 330'NL, 330'WL, NW NW. Rusk & Williams #2 Gray. 980'.  
9-6-78. (not identified with Geological Records). Main Consol.  
4-7N-13W, SW SW SE. Forest Oil Corp. #R-22 I. W. Smith. 1007'.  
7-31-78. Main Consol.  
10-7N-13W, 660'SL, 330'WL, SE. C.E.R. Production Co. #1 C. Stantz.  
1042'. 10-6-78. Main Consol.  
23-7N-13W, 510'NL, 410'EL, SW SE NE. Henry Halley #1 Schwenke.  
1000'. 10-4-78. (not identified with Geological Records).  
Main Consol.  
1-7N-14W, 260'NL, 200'WL, NW SW SW. Black & Black Oil Co. #1  
Baker, formerly Ohio Oil Co. #2 Baker. 1015'. (not  
identified with Geological Records). Main Consol.

## CRAWFORD COUNTY (cont'd.)

2-7N-14W, 200'NL, 250'EL, NE NE SE. Black & Black #6 Boyd, formerly Ohio Oil Co. 1034'. 5-4-78. (not identified with Geological Records). Main Consol.

29-8N-12W, 990'SL, 330'WL, SW. Charles A. Baldwin #1 John Decker. 1000'. 6-16-78. Main Consol.

## FAYETTE COUNTY

32-8N-3E, NE NW NW. Carter Oil Co. #5 Emma C. Geotting, formerly W. B. Johnson Drlg. Co. 1600'. 10-10-78. (water input, formerly a producer). Louden.

## FRANKLIN COUNTY

14-7S-4E, 330'NL, 330'EL, SE NE. C. E. Brehm Drlg. & Prod. #1 Norton et al. 3205'. 10-8-78. Thompsonville East.

## JASPER COUNTY

5-5N-10E, SE NW NW. John M. Zanetis #1 Bert Mattingly. 2853'. 9-29-78. (water input, formerly a producer). Clay City Consol.

20-6N-10E, 644'NL, 657'WL, NW. Pure Oil Co. #B-1 Armistead Consol. 2880'. 10-16-78. Clay City Consol.

29-6N-10E, SE SE NW. Space Petro. #4 Kocher Heirs. 2929'. 9-25-78. Clay City Consol.

## JEFFERSON COUNTY

23-1S-3E, NW SE SE. E. Homer Jahn #1 Avery Minor. 2686'. 10-9-78. Divide Consol.

23-1S-3E, NE SW SE. E. Homer Jahn #1 Avery Minor Comm. 3178'. 10-7-78. Divide Consol.

## LAWRENCE COUNTY

3-2N-12W, 330'NL, 330'WL, NE. Shanoro Oil, Inc. #1 Denison-Murphy Comm. 1906'. 9-21-78. Lawrence.

14-3N-13W, 380'NL, 330'EL, SE NW. M & J Oil Producers #2 E. Brown. 2149'. 9-13-78. Lawrence West.

14-3N-13W, SE SE NW. Mike Myers #1 E. H. Brown, formerly Houchins Drlg. Co. 2280'. 8-13-70. Lawrence West.

## MARION COUNTY

32-2N-1E, 165'SL, 490'EL, SE NW. Ohio Oil Co. #1 Overbeck. 539'. 8-14-78. (not identified with Geological Records).

Junction City Consol.

## RICHLAND COUNTY

28-5N-10E, 331'SL, 330'EL, NW SW. Calvert Drlg., Inc. #1 Pictor. 2966'. 10-10-78. Clay City Consol.

28-5N-10E, NW SE SW. Calvert Drlg., Inc. #3 John Williamson. 2905'. 10-6-78. Clay City Consol.

28-5N-10E, NW SW SE. Calvert Drlg., Inc. #1 Young-Williamson Comm. 2900'. 10-23-78. Clay City Consol.

32-5N-10E, 667'SL, 330'WL, SW. Pure Oil Co. #2-A Edgar Kermicle. 2842'. 10-5-78. (water input, formerly a producer). Clay City Consol.

## RICHLAND COUNTY (cont'd.)

33-5N-10E, SE NE NW. Continental Oil Co. #1 D. C. Young, formerly Calvert Drlg. Co. 2951'. 10-19-78. (water input, formerly a producer). Clay City Consol.

## WABASH COUNTY

3-1N-12W, 430' SL, 330' EL, NE NW. Forest Oil Corp. #Q-18 Adam Biehl 40 Acres. 1575'. 9-27-78. Allendale.  
31-1S-13W, SW NE SE. Francis L. Beard #1 Bosecker et al Comm. 2666'. 10-16-78. New Harmony Consol.

## WAYNE COUNTY

14-1S-6E, NE SE SE. Van Fossan Associates #4 James Beeson. 3347'. 9-26-78. Johnsonville South.

## WHITE COUNTY

17-4S-14W, NW SW SE. Ryan Oil Co. #4-A Bessie Bramlett. 2598'. 9-19-78. New Harmony Consol.  
22-5S-10E, 330' SL, 330' WL, SW. Estelle Price #2-A Rice. 2095'. 10-19-78. Storms Consol.  
22-5S-10E, SE NW SW. H. V. & Rowena Brown #1 Clarence Rice, formerly Eastern Pet. Co. 3122'. 10-23-78. (water input, formerly a producer). Storms Consol.  
22-5S-10E, 330' NL, 660' WL, SW SW. Estelle Price #1-A Clarence Rice. 2151'. 10-20-78. Storms Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).



## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned  
Acid — Acid treatment  
BOF — Barrels of oil flowing  
BOP — Barrels of oil on pump  
BW — Barrels of water  
C — Center  
Comp. — Completed  
Consol. — Consolidated  
COTD — Clean-out total depth  
Csg. — Casing  
D & A — Dry and abandoned  
Dol. — Dolomite  
DTD — Drilled deeper total depth  
E/2 — East  $\frac{1}{2}$   
EL — From the east line  
Est. — Estimated  
Ext. — Extension(s)  
Fm. — Formation  
Fr. — Fractional  
Frac. — Hydraulic fracture treatment  
IP — Initial production  
L — Line  
Loc. — Location  
Ls. — Limestone  
N/2 — North  $\frac{1}{2}$   
Nat. — Natural, no treatment  
NE — Northeast  $\frac{1}{4}$   
NL — From the north line  
NW — Northwest  $\frac{1}{4}$

OTD — Old total depth  
OWDD — Old well drilled deeper  
OWWO — Old well worked over  
PB — Plugged back  
PBTD — Plugged-back total depth  
R — Range  
S/2 — South  $\frac{1}{2}$   
SE — Southeast  $\frac{1}{4}$   
SG — Show of gas  
Sh. — Shale  
SIGW — Shut-in gas well  
SL — From the south line  
SO — Show of oil  
Spd. — Spudded  
Ss. — Sandstone  
SSO — Slight show of oil  
SW — Southwest  $\frac{1}{4}$   
Swb. — Swabbing  
SWD — Salt water disposal well  
T — Township  
TD — Total depth  
Temp. abd. — Temporarily abandoned  
W/2 — West  $\frac{1}{2}$   
WF — Wildcat far (more than  $1\frac{1}{2}$  miles  
from production)  
WL — From the west line  
WN — Wildcat near ( $\frac{1}{2}$  to  $1\frac{1}{2}$  miles  
from production)



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14.GS:  
Ogd 505

*Geol Survey*

State of Illinois  
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



DISCOVERIES

New Fields

None

New Pay Zones in Fields

TRUMBULL CONSOLIDATED. White County, 18-5S-9E, Ullin at 4,092.  
Discovery well, Absher Oil Co. #4 Burkhardt, IP 4 BOP.

Extensions to Fields

MAYBERRY. Wayne County, 29-2S-6E, Ullin at 4,100'.  
Discovery well, Illinois Mid-Continent Co. & Dee Drilling Co. #1 Almo  
Farm, IP 9 BOP, 9 BW.

ILLINOIS STATE  
GEOLOGICAL SURVEY  
LIBRARY

TABLE I

New Pools Discovered from December 1977 through November 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>December 1977</u>			<u>June</u>		
Spring Garden Jefferson County	4S	3E	None		
<u>January 1978</u>			<u>July</u>		
None			Pana Central Christian County	11N	1E
<u>February</u>			<u>August</u>		
None			None		
<u>March</u>			<u>September</u>		
Wayne City Wayne County	2S	6E	None		
<u>April</u>			<u>October</u>		
None			None		
<u>May</u>			<u>November</u>		
Norris City West White County	6S	8E	None		

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)				New Dry Holes			Production in		
	Field Wells	Discoveries		Drilled Holes	Reworked			Total New Tests	Thousands of Barrels	
		Field	Ext.		Dry Holes	Field Wells	Wildcat Near		New	Barrels
<u>1977</u>										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	103	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,176
Nov.	60(3)	2	2	61(3)	3	27	12	5	108	2,115
Dec.	84(4)	1	3	79(3)	9(1)	48	12	10	152	2,052
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	46	1,036	25,609
<u>1978</u>										
Jan.	38	0	1	38	1	7	1	2	48	1,749
Feb.	55(1)	0	0	52(1)	3	29	9	3	94	1,707
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	1	63	1,844
Apr.	25	0	2	23	4	7	2	2	34	2,024
May	18	1	2	20	1	32	8	5	65	2,098
June	44	0	2	42	4	43	11	9	105	2,035
July	55(4)	1	2	54(4)	4	37	7	9	111	2,042
Aug.	26(2)	0	0	21(2)	5	36	11	6	76	2,043
Sept.	66(4)	0	4	63(4)	7	22	1	2	92	1,934
Oct.	43	0	1	44	0	42	12	10	108	2,035
Nov.	63(1)	0	1	64	1	28	12	8	112	1,970

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1978 are from reports received directly from crude gathering companies. The figures for October and November 1978 are estimated.

TABLE III  
Drilling by Counties, Oil and Gas, November 1978

County	Permits to Drill*	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		OWWO	D&A to Prod.	New	Conversions		
			Prod.	D&A				Were Prod.	Others	
Bond	2	4	1	3	-	-	-	-	-	-
Christian	8	1	1	-	-	-	-	-	-	-
Clark	6	15	12	1	1	-	-	1	-	-
Clay	11	7	5	1	-	-	-	1	-	-
Clinton	1	3	1	2	-	-	-	-	-	-
Coles	1	-	-	-	-	-	-	-	-	-
Crawford	32	4	2	1	-	-	1	-	-	-
Cumberland	4	-	-	-	-	-	-	-	-	-
Edgar	1	-	-	-	-	-	-	-	-	-
Edwards	10	2	2	-	-	-	-	-	-	-
Effingham	-	2	1	1	-	-	-	-	-	-
Fayette	2	6	1	-	-	-	5	-	-	-
Franklin	2	3	2	1	-	-	-	-	-	-
Gallatin	2	5	1	3	-	-	1	-	-	-
Hamilton	5	4	1	3	-	-	-	-	-	-
Jackson	1	-	-	-	-	-	-	-	-	-
Jasper	5	10	7	2	-	-	1	-	-	-
Jefferson	5	8	-	5	-	-	-	3	-	-
Lawrence	3	12	5	2	-	-	3	-	-	2
McDonough	1	-	-	-	-	-	-	-	-	-
Macon	1	-	-	-	-	-	-	-	-	-
Macoupin	-	2	-	2	-	-	-	-	-	-
Madison	1	1	-	1	-	-	-	-	-	-
Marion	2	2	-	2	-	-	-	-	-	-
Montgomery	1	-	-	-	-	-	-	-	-	-
Moultrie	-	1	-	1	-	-	-	-	-	-
Randolph	-	1	-	1	-	-	-	-	-	-
Richland	2	1	1	-	-	-	-	-	-	-
St. Clair	2	1	-	1	-	-	-	-	-	-
Saline	-	1	-	1	-	-	-	-	-	-
Sangamon	1	2	-	-	-	-	1	-	-	-
Shelby	1	-	-	-	-	-	-	-	-	-
Wabash	8	7	3	-	-	-	1	2	1	-
Washington	6	2	-	2	-	-	-	-	-	-
Wayne	19	14	8	5	-	-	-	1	-	-
White	22	18	10	6	-	-	-	1	1	-
	168	139	64	48	1	13	9	2	2	

\*Issued by Department of Mines and Minerals, Springfield, Illinois, October 25, 1978 through November 28, 1978.

†Gas well.

TABLE IV

Drilling by Counties, Natural Gas Storage, November 1978

County	Permits to drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	-	4	4	-	-	-
LaSalle	-	3	3	-	-	-
Livingston	-	4	3	-	1	-
McLean	-	8	7	-	1	-
	-	19	17	-	2	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, October 25, 1978 through November 28, 1978.

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

#### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

#### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

#### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

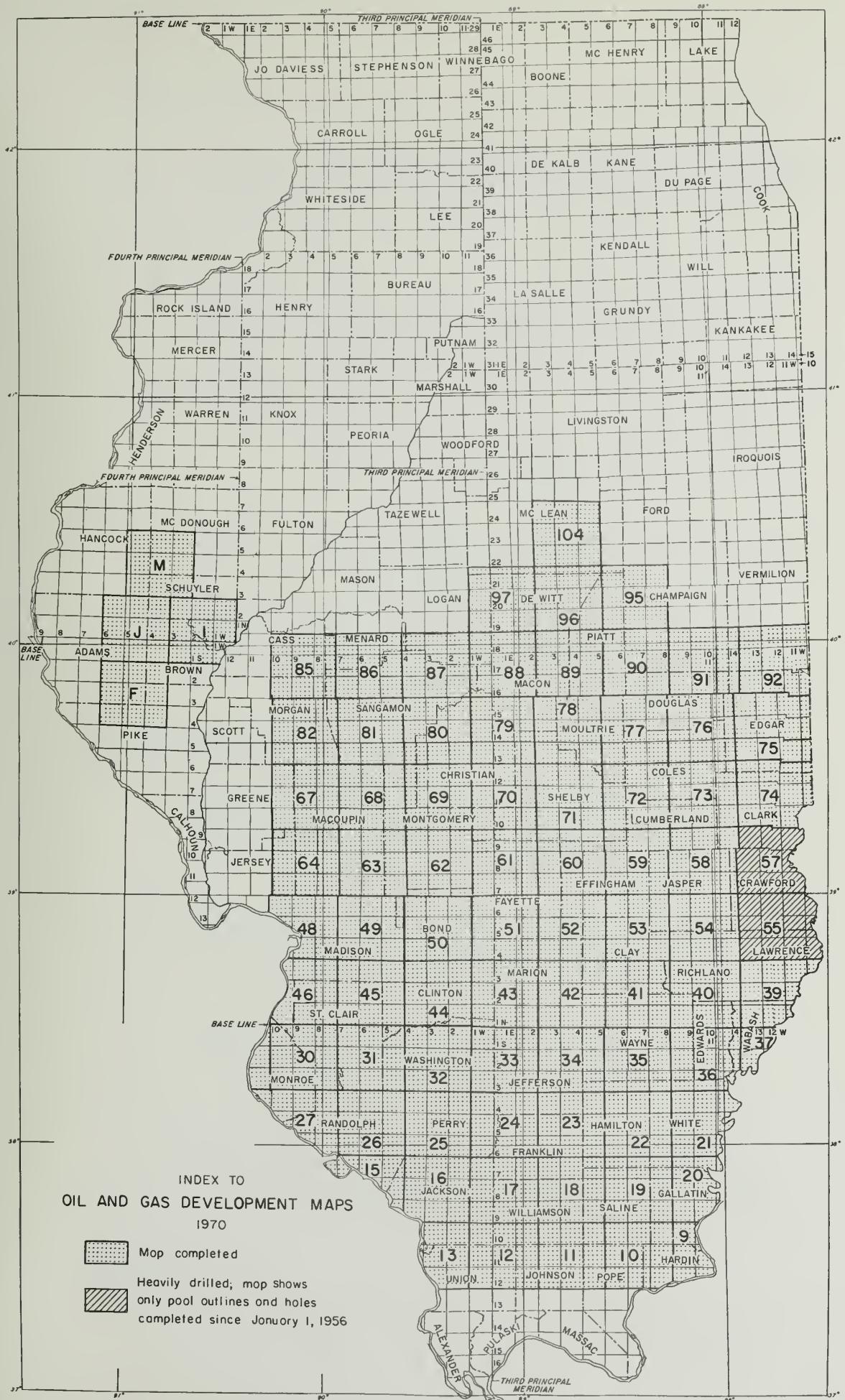
#### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62933 (phone 217-235-0311)





## WELLS COMPLETED FROM OCTOBER 28, 1978 TO NOVEMBER 24, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

4N, 4W

2, 333'NL, 330'EL, SE SW. Welker Oil Co., Ltd. #1 C. Munie. Spd. 10-15-78. Comp. 10-22-78. TD 2210'. D&A. Devonian, top 2156'. Stubblefield South.

11, NE NW SE. Dolphin Operating Co., Inc. #2 Neumann-Parker-Vosholler. Spd. 11-14-77. Comp. 1-12-78. TD 2227'. Shut in gas well. Pennsylvanian, top 545'. Stubblefield South.

5N, 4W

15, 410'SL, 2'EL, SW SE SW. Sam Parker Oil Co. #5 File-Brown. Spd. 10-12-78. Comp. 10-23-78. TD 646'. D&A. Pennsylvanian, top 620' est. Old Ripley.

15, 342'NL, 132'WL, SW NW SE. Sam Parker Oil Co. #2 Wayne Skinner. Spd. 9-14-78. Comp. 9-28-78. TD 627'. D&A. Pennsylvanian, top Not Available. Old Ripley.

CHAMPAIGN COUNTY

21N, 7E

2, 110'NL, 124'EL, NW. Peoples Gas Light & Coke Co. #1 D. Crooks. Spd. 3-13-78. Comp. 4-14-78. TD 4230'. Gas injection withdrawal. Mt. Simon, top 3993'. Manlove Gas Storage.

2, 80'NL, 129'EL, SW. Peoples Gas Light & Coke Co. #9 C. Williams. Spd. 7-9-78. Comp. 8-7-78. TD 4237'. Gas injection withdrawal. Mt. Simon, top 3986'. Manlove Gas Storage.

10, 137'SL, 103'EL, NE. Peoples Gas Light & Coke Co. #2 L. Stappenbeck. Spd. 4-21-78. Comp. 5-19-78. TD 4220'. Gas injection withdrawal. Mt. Simon, top 4001'. Manlove Gas Storage.

27, 92'NL, 164'EL, SW NE. Peoples Gas Light & Coke Co. #2 F. Kamerer. Spd. 5-24-78. Comp. 7-2-78. TD 4268'. Gas injection withdrawal. Mt. Simon, top 4024'. Manlove Gas Storage.

CHRISTIAN COUNTY

11N, 1E

Irr. 1, 330'SL, 330'WL, SW. John P. Potsch #1 Warren. Spd. 10-23-78. Comp. 11-19-78. TD 1530'. IP 28 BOP/1 BW. Benoist, top 1511'. Pana Central.

CHRISTIAN COUNTY (cont'd.)

11N, 1E

12, SW SW NW. Rector & Stone Drlg. Co. #3 De Barr. OWWO. Was J. A. Roane, #1 D. O. Barr, D&A, OTD 1545', Comp. 12-18-56. Recomp. 10-24-78. TD 1580'. Temp. Abd. Benoist, top 1533', Frac. Pana Central.

CLARK COUNTY

10N, 13W

19, 220' SL, 220' EL, NW SE. Koons Petro. Enterprises #2 Ella Mae Young. OWDD. Was Magnolia Petro. Co., Comp. 7-12-50, OTD 452', Plugged Casey Producer. Recomp. 4-10-76. DDTD 512'. IP 3 BO, 3 BW. Casey, top Not Available. Martinsville.

30, NE NW SE. Fear and Duncan #1 Atkins. Conv. Was Carper Producer Drilled by Magnolia in 1952. Comp. 6-2-78. TD 1418'. SWD. Carper, top 1342'. Martinsville.

Irr. 31, 330' SL, 607' WL, SE NW. Collins Bros. Oil Co. #1 Baker-Trenton. Abd. Loc. Martinsville.

10N, 14W

16, NE SE NW. Thomas A. Coats #1 C. H. Markwell. Spd. 9-28-78. Comp. 9-28-78. TD 1395'. D&A. Carper, top Not Available. WN-Johnson North.

25, 330' SL, 665' EL, NE. Partlow & Cochonour #1 Partlow & Cochonour. Spd. 8-31-78. Comp. 10-31-78. TD 2876'. IP 25 BOP/Some wtr. Trenton, top 2746', Frac. Johnson North.

11N, 10W

30, 360' SL, 390' EL, NW SE. I. R. Bennett #1-A Webster. Spd. 9-20-78. Comp. 10-10-78. TD 2007'. IP 5 BOP/1 BW. Devonian, top 1997' est. Weaver.

11N, 14W

16, 360' NL, 330' WL, NW NE. M. C. Milam #1 Lucille Grissom. Spd. 5-17-78. Comp. 10-24-78. TD 458'. IP  $\frac{1}{2}$  BOP/20 BW. Pennsylvanian, top 325', Shot. Westfield.

17, SW SW SE. Warren Petro. Co. #1 Arthur Poorman. OWWO & OWDD. Was Stohr Bros. & Co., #2-B-W Booth-Poorman, D&A, TD 300', Comp. 5, 1942. Recomp. 11-7-78. DDTD 387'. IP 3-5 BOP (est.) Pennsylvanian, top 306', Shot. Westfield.

## CLARK COUNTY (cont'd.)

11N, 14W

17, 440' SL, 330' EL, SW SE. Warren Petro. Co. #2 Arthur Poorman. Spd. 9-9-78. Comp. 11-7-78. TD 344'. IP 3-5 BOP (est.). Pennsylvanian, top 306', Shot. Westfield.

17, 330' SL, 360' WL, NW SW SE. Warren Petro. Co. #3 Arthur Poorman. Spd. 7-29-78. Comp. 11-7-78. TD 363'. IP 3-5 BOP (est.). Pennsylvanian, top 313', Shot. Westfield.

17, 990' SL, 880' WL, SE. Warren Petro. Co. #4 Arthur Poorman. Spd. 9-2-78. Comp. 11-7-78. TD 343'. IP 3-5 BOP (est.). Pennsylvanian, top 315', Shot. Westfield.

17, 360' SL, 880' WL, NW SE. Warren Petro. Co. #6 Arthur Poorman. Spd. 8-11-78. Comp. 11-7-78. TD 345'. IP 3-5 BOP (est.). Pennsylvanian, top 310', Shot. Westfield.

17, 440' NL, 330' EL, NW SE. Warren Petro. Co. #8 Arthur Poorman. Spd. 9-1-78. Comp. 11-7-78. TD 350'. IP 3-5 BOP (est.). Pennsylvanian, top 310', Shot. Westfield.

20, SW NW NE. Charles Watters #1 Elbert Ennis. Spd. 5-30-78. Comp. 11-7-78. TD 338'. IP 6 BOP. Pennsylvanian, top 290', Shot. Westfield.

20, SE NW NE. Charles Watters #2 Elbert Ennis. Spd. 6-30-78. Comp. 11-7-78. TD 348'. IP 4 BOP. Pennsylvanian, top 300', Shot. Westfield.

20, NE NW NE. Charles Watters #3 Elbert Ennis. Spd. 6-22-78. Comp. 11-7-78. TD 350'. IP 3 BOP. Pennsylvanian, top 310', Shot. Westfield.

17, 14W

32, 220' SL, 220' WL, NW SE. John H. Ryan #5 Endsley. Spd. 12-5-77. Comp. 8-15-78. TD 416'. IP 4 BOP/10 BW. Westfield, top 320'. Westfield.

## CLAY COUNTY

11N, 7E

9, NW SE SW. Booth Oil Co., Inc. #1 Kitley. OWDD. Was Texas #1 E. Kitley, Comp. 1946. OTD 3200', D&A. Recomp. 10-22-78. DDID 3930'. D&A. 334', top 3800', est. Clay City Consol.

14, SE SE SW. John M. Zanetis #3 A. Stanford. Abd. Loc. Clay City Consol.

CLAY COUNTY (cont'd.)

3N, 7E

34, NW NW NE. Vivian V. Hoard #1 Vivian V. Hoard. OWDD. Was Shawn Oil, OTD 3223', D&A, Comp. 1971. Recomp. 11-9-78. TD 3785'. D&A. Ullin, top 3715', est. Sailor Springs Consol.

4N, 5E

15, NE SE SE. "K" Oil, Inc. #1 Clyde Smith. Conv. Was McClosky Producer. Comp. 10-17-78. TD 2640'. SWD. McClosky, top 2628'. Iola South.

4N, 6E

20, C W/2 SW SW. "K" Oil, Inc. #3 Catholic Diocese of Belleville. Spd. 7-7-78. Comp. 10-24-78. TD 2850'. IP 7-12 BOP. Spar Mt., top 2813', MCA, Acid, & Frac. Louisville.

20, 430' SL, 330' EL, NW. McKinney Oil Producer, Inc. #1-A Thompson. Spd. 9-19-78. Comp. 10-26-78. TD 2847'. IP 20 BOP/100 BW. Aux Vases, top 2729'. McClosky, top 2833'. Louisville.

4N, 7E

16, NE SW SW. Louis H. Kapp, Jr. #1 Weidner et al. Spd. 10-25-78. Comp. 11-1-78. TD 3060'. D&A. Ste Genevieve, top 2970'. WN-Sailor Springs Consol.

5N, 8E

Irr. 30, 990' NL, 990' WL, NE SE. E. M. Bangert & Paul L. Mullins #1-A Mullins. Spd. 10-16-78. Comp. 11-21-78. TD 3002'. IP 42 BOP. Cypress, top Not Available, Acid. McClosky, top Not Available, Acid. Sailor Springs Consol.

Irr. 30, 330' NL, 990' WL, NE SE. Watch "It" Oil Co. #2 P. Mullins. Spd. 10-3-78. Comp. 10-31-78. TD 2550'. IP 25 BOP. Cypress, top 2532', MCA. Sailor Springs Consol.

Irr. 30, 990' NL, 330' WL, NE NE. Charles H. Stephens #1 Workman Comm. Spd. 8-12-78. Comp. 10-24-78. TD 2540'. IP 7½ BOP. Cypress, top 2530', Shot & Frac. Sailor Springs Consol.

CLINTON COUNTY

1N, 2W

11, 330' NL, 588' WL, SE NW. Bernard Bouchie #1 Lawrence Knolhoff. Spd. 8-21-78. Comp. 9-25-78. TD 1335'. IP 3 BOP/20 BW. Benoist, top 1310'. Hoffman.

CLINTON COUNTY (cont'd.)

1N, 4W

25, NW NW NW. Elmer Oelze, Jr. #1 Loepler. Spd. 10-11-78.  
 Comp. 10-15-78. TD 1017'. D&A. Cypress, top 973'.  
 WN-Bartelso West.

2N, 3W

Irr. 19, 330'NL, 330'WL, SW NW. Peter S. Smalley #1 Hilmes.  
 Spd. 10-28-78. Comp. 11-2-78. TD 2434'. D&A.  
 Devonian, top 2345', est. WN-Frogtown.

CRAWFORD COUNTY

5N, 12W

15, 385'NL, 330'WL, SW. Russ Randall, Inc. #1-A A. N.  
 Vinsel. Spd. 6-14-78. Comp. 11-14-78. TD 1039'.  
 IP 7 BOP. Robinson, top 968'. Main Consol.

6N, 12W

Irr. 15, 330'NL, 330'WL, SE NW. Bellair Oil Co. #4 Jimmie  
 A. Watts. Abd. Loc. Main Consol.

7N, 12W

Irr. 2, 660'SL, 30'WL, NE SW. Russ Randall, Inc. #1  
 Charles Purcell W/W. Spd. 9-18-78. Comp. 10-17-78.  
 TD 1348'. SWD. Pennsylvanian, top 1147'. Main  
 Consol.

32, SW NE NW. Bob W. & Barbara J. Bell #1-A M. Putnam.  
 Spd. 7-30-78. Comp. 10-24-78. TD 1215'. IP 5 BOP.  
 Robinson, top 999', Frac. Main Consol.

8N, 13W

Irr. 17, 330'SL, 330'EL, NE NW. Hocking Oil Co., Inc. #1  
 Bertha Chesser. Spd. 4-11-78. Comp. 11-7-78.  
 TD 4045'. D&A. Trenton, top 3861'. WN-New  
 Bellair.

EDWARDS COUNTY

1N, 14W

Irr. 6, 350'NL, 410'WL, SE SW. Viking Oil Co. #2 Anderson  
 Bros. Spd. 10-3-78. Comp. 11-15-78. TD 3300'. IP  
 40 BOP/10 BW. Cypress, top 2848'. McClosky, top  
 3165'. Parkersburg Consol.

Irr. 6, 640'NL, 330'EL, NW SE. Viking Oil Co. #3 Clyde  
 Hedrick. Spd. 9-25-78. Comp. 10-31-78. TD 3800'.  
 IP 60 BOP/0 Water. OHara, top 3106'. Parkersburg  
 Consol.

EFFINGHAM COUNTY

9J, 4E

29, 450'SL, 330'WL, NW. Tri-Star Prod. Co., Inc. #1 Peifer.  
 Spd. 11-23-77. Comp. 10-31-78. TD 3142'. D&A (SO).  
 Devonian, top 3133'. WN-Louden.

EFFINGHAM COUNTY (cont'd.)

9N, 4E

31, 330'NL, 600'EL, SW SE. Tri-Star Prod., Inc. #5  
 Maxfield. Spd. 8-25-78. Comp. 10-31-78. TD 3132'.  
 IP 16 BOP/5 BW. Sylamore, top 3127', Acid &  
 Frac. Louden.

FAYETTE COUNTY

7N, 3E

29, 450'NL, 436'EL, NW NW. Exxon Corp. #11 Lewis Ripley.  
 Spd. 9-11-77. Comp. 9-19-77. TD 1576'. Observa-  
 tion. Cypress, top 1552'. Louden.

29, 450'NL, 561'EL, NW NW NW. Exxon Corp. #13 Lewis  
 Ripley. Spd. 9-28-77. Comp. 10-5-77. TD 1577'.  
 Observation. Cypress, top 1550'. Louden.

29, 325'NL, 561'EL, NW NW. Exxon Corp. #14 Lewis Ripley.  
 Spd. 10-7-77. Comp. 12-6-77. TD 1576'. Observa-  
 tion. Cypress, top 1552'. Louden.

29, 450'NL, 647'EL, NW NW. Exxon Corp. #17 Lewis Ripley.  
 Spd. 10-29-77. Comp. 11-5-77. TD 1608'. Observa-  
 tion. Cypress, top 1548'. Louden.

29, 575'NL, 561'EL, NW NW. Exxon Corp. #18 Lewis Ripley.  
 Spd. 11-7-77. Comp. 12-22-77. TD 1573'. Observa-  
 tion. Cypress, top 1545'. Louden.

9N, 3E

25, NW NW SE. DAV-MARK Oil Co., Inc. #1 Steele. Spd.  
 8-17-78. Comp. 10-31-78. TD 3120'. IP 30 BOP/20  
 BW. Sylamore, top 3113', Frac. Louden.

FRANKLIN COUNTY

5S, 3E

Irr. 19, 269'SL, 330'EL, SW SW. H & W Oil Co., Inc. #B-1  
 Boyle. Spd. 4-6-78. Comp. 4-14-78. TD 3767'.  
 IP 7 BOP/20 BW. Spar Mtn., top 2802', Frac.  
 St. Louis, top 3040', Acid. Whittington.

5S, 4E

9, 330'SL, 380'WL, SE. C. E. Brehm Drlg. & Prod. #1  
 Hunter. Spd. 11-20-77. Comp. 11-26-77. TD 3967'.  
 IP 20 BOP. Ullin, top 3935', est. Taylor Hill.

17, 390'NL, 330'EL, SW NE. C. E. Brehm Drlg. & Prod. #1  
 Ulrich. Spd. 10-13-78. Comp. 10-21-78. TD 4000'.  
 D&A. Ullin, top 3850', est. Taylor Hill.

GALLATIN COUNTY

7S, 9E

24, 460'NL, 460'EL, SW SW. Collins Bros. Oil Co. #7  
 Hale. Spd. 9-23-76. Comp. 10-1-76. TD 3068'.  
 Water Input. Tar Springs, top 2308'. Herald  
 Consol.

GALLATIN COUNTY (cont'd.)

7S, 10E

Irr. 27, 330'NL, 330'WL, SE. C. E. Brehm Drlg. & Prod. #1  
 Mobil-Williams. Spd. 10-26-78. Comp. 11-1-78. TD  
 2815'. D&A. Ste Genevieve, top 2740', est.  
 Inman East Consol.

8S, 10E

4, SE NW NW. George Mitchell Drlg. Contractor #1 Lightner.  
 Spd. 10-24-77. Comp. 6-15-78. TD 2830'. IP 3 BOP/6  
 BW. Aux Vases, top 2762'. Inman East Consol.

17, SE NW NE. C. E. Brehm Drlg. & Prod. #3 W. W. Gray "A".  
 Spd. 10-13-78. Comp. 10-18-78. TD 2810'. D&A. Ste  
 Genevieve, top 2790', est. Inman East Consol.

20, NE NW NW. C. E. Brehm Drlg. & Prod. #2 Fuhrer "A".  
 Spd. 10-1-78. Comp. 10-10-78. TD 2860'. D&A. Ste  
 Genevieve, top 2785'. Inman East Consol.

HAMILTON COUNTY

4S, 5E

3, SE NW SW. C. E. Brehm Drlg. & Prod. #1 Trotter Comm.  
 Spd. 9-28-78. Comp. 10-3-78. TD 3595'. D&A. Ste  
 Genevieve, top 3410', est. WN-Dahlgren.

5S, 7E

36, NW NE SW. C. E. Brehm Drlg. & Prod. #1 Bertis Williams.  
 Spd. 10-5-78. Comp. 10-10-78. TD 3400'. D&A. Ste  
 Genevieve, top 3300', est. WF.

6S, 7E

27, NW NW SE. Duke Resources Corp. #3 Van Winkle. Spd.  
 8-30-78. Comp. 11-14-78. TD 4325'. IP 100 BOP.  
 Ullin, top 4214', Acid. Broughton.

7S, 7E

4, NE NW SE. Ernest Sherman #1 Rose Porter. Spd. 6-23-78.  
 Comp. 10-24-78. TD 4305'. D&A. Ullin, top 3993'.  
 WF.

JASPER COUNTY

5N, 8E

Irr. 19, 330'SL, 330'WL, SE SE. Paul Mullins & E. M.  
 Bangert #2 Cornwell. Spd. 7-15-78. Comp. 9-26-78.  
 TD 2553'. IP 4 BOP. Cypress, top 2546', Shot.  
 Sailor Springs Consol.

5N, 9E

1, SE SE SE. Petro-Search Assoc., Inc. #1-P Harvey. Spd.  
 10-2-78. Comp. 10-12-78. TD 3167'. D&A (30)  
 St. Louis, top 3026'. Clay City Consol.

JASPER COUNTY (cont'd.)

5N, 10E

16, NE NE SW. Robert B. Britton #5 R. Frohning. Spd. 5-13-77. Comp. 12-15-77. TD 3090'. IP 4 BOP. Aux Vases, top 2762'. McClosky, top Not Available. Clay City Consol.

16, SE NE SW. Robert B. Britton #6 R. Frohning. Spd. 5-20-77. Comp. 1-10-78. TD 3090'. IP 6 BOP/15 BW. Aux Vases, top 2760'. Clay City Consol.

16, NW SW SE. Robert B. Britton #1 M. Giller. Spd. 11-15-77. Comp. 9-8-78. TD 3160'. D&A. St. Louis, top 2970', est. Clay City Consol.

16, SW SW SW. Robert B. Britton #1 M. Honey. Spd. 8-26-77. Comp. 2-12-78. TD 3610'. IP 6 BOP. Aux Vases, top 2710'. Clay City Consol.

16, 330' SL, 960' WL, NW SW. Union Oil Co. of Calif. #1 Honey Cons.-A.F. Calvin. Spd. 7-3-78. Comp. 7-12-78. TD 3260'. IP 73 BOP/110 BW. McClosky, top 2794', Acid. St. Louis, top 2912', Acid & Frac. Clay City Consol.

7N, 11E

Irr. 30, 70' NL, 1438' EL, SE NW. Edward C. Koch #1-A Ervin. Spd. 9-27-78. Comp. 10-25-78. TD 1600'. Salt Water Disposal. Tar Springs, top 1530'. Clay City Consol.

8N, 10E

13, SW NE NE. International Properties Corp. #1 Key/Hunsaker. Spd. 8-25-78. Comp. 10-10-78. TD 2197'. IP 38 BOP. McClosky, top 2164'. Yale.

8N, 11E

Irr. 18, 330' SL, 330' EL, NW. International Properties Corp. #1 Key/Reynolds. Spd. 6-29-78. Comp. 8-21-78. TD. 2134'. IP 20 BOP/1 BW. McClosky, top 2061'. Yale.

JEFFERSON COUNTY

1S, 4E

6, SW NE SE. David F. Herley #1 Ron Shafer. Spd. 11-1-78. Comp. 11-10-78. TD 3319'. D&A. Salem, top 3100', est. Divide Consol.

8, NW SW NW. Fletcher F. Farrar #1 Shafer-Eller Comm. Spd. 10-6-78. Comp. 10-14-78. TD 3282'. D&A. Salem, top 3031'. Divide Consol.

15, SW NE NE. Hobson Oil Co. #1 De Journett. Spd. 8-4-77. Comp. 10-31-78. TD 3516'. D&A. Salem, top 3242'. Coil West.

JEFFERSON COUNTY (cont'd.)

1S, 4E

23, NW SW NE. Energy Resources Corp. #2 Vernon Weaver.  
 Spd. 7-12-78. Comp. 11-14-78. TD 3620'. D&A.  
 Ullin, top 3566'. Coil West.

23, 4E

3, NW SW NW, Farmers Petro. Coop., Inc. #1 Brookman. Conv.  
 Was McClosky producer. Comp. 8-16-78. PBTD 2735'.  
 Salt Water Disposal. Cypress, top 2656'.  
 Oakdale North.

3, 720' SL, 330' WL, SE NW. Farmers Petro. Coop., Inc. #3  
 Brookman. Conv. Was McClosky producer. Comp. 10-9-78.  
 TD 2912'. Water Input. McClosky, top 2902'.  
 Oakdale North.

13, NW SE NW. Black Hawk Resources Corp. #33-13 Garrod  
 et al. Spd. 11-1-78. Comp. 11-8-78. TD 3780'. D&A.  
 Salem, top 3395', est. Markham City North.

13, SE NW SE. Fletcher F. Farrar #3 Wood Unit. Conv.  
 Was Aux Vases & McClosky producer. Comp. 10-7-77.  
 TD 3030'. Salt Water Disposal. Aux Vases, top  
 2910'. Cypress, top 2820'. Markham City  
 North.

LASALLE COUNTY

30N, 2E

15, 150' SL, 65' WL, NE SE. Northern Ill. Gas Co. #3 C.  
 Barr. Spd. 4-15-78. Comp. 5-6-78. TD 2663'. Gas  
 Injection-Withdrawal. Mt. Simon, top 2302'.  
 Ancona Gas Storage.

15, 100' NL, 65' WL, NE. Northern Ill. Gas Co. #1 Sellmeyer  
 Well. Spd. 3-3-78. Comp. 9-5-78. TD 2650'. Gas  
 Injection-Withdrawal. Mt. Simon, top 2212'.  
 Ancona Gas Storage.

15, 150' SL, 65' WL, NW NE. Northern Ill. Gas Co. #2  
 Sellmeyer Well. Spd. 3-25-78. Comp. 9-5-78. TD  
 2628'. Gas Injection-Withdrawal. Mt. Simon,  
 top 2208'. Ancona Gas Storage.

LAWRENCE COUNTY

2N, 12W

23, 660' NL, 430' EL, SW. Fred A. Saltsgaver #1 Donald  
 Ramsey. Spd. 10-10-78. Comp. 11-7-78. TD 1398'.  
 Oil Prod., IP Not Available: Biehl, top 1381'.  
 Allendale.

3N, 12W

2, SW NE NW. Black & Black Oil Co. #3 H. Kolter. Spd.  
 10-26-78. Comp. 10-31-78. TD 1918'. D&A.  
 McClosky, top 1908'. Lawrence.

LAWRENCE COUNTY (cont'd.)

3N, 12W

5, 1356' SL, 942' EL, SE. Marathon Oil Co. #68 W. E. Robins  
 A/C 1. Spd. 1976. Comp. 7-31-78. TD 1044'. IP  
 2 BOP/200 BW. Bridgeport, top 890'. Lawrence.

4N, 12W

29, 660' SL, 340' WL, SE. W. C. McBride-Silurian Oil Co.  
 #34 Neal. Spd. 7-8-78. Comp. 10-9-78. TD 3125'.  
 IP 5 BOP/80 BW. Cypress, top 1352'. Sample,  
 top 1438'. Lawrence.

32, 680' SL, 614' EL, NE. Marathon Oil Co. #85 J. T. Griggs  
 Act. #1. Spd. 5-30-78. Comp. 11-1-78. TD 1945'.  
 IP 5 BOP/5 BW. McClosky, top 1677'. Lawrence.

32, 680' SL, 613' WL, SE SE. Marathon Oil Co. #86 J. T.  
 Griggs Act. #1. Spd. 7-13-78. Comp. 11-1-78. TD  
 1904'. IP 44 BOP. McClosky, top 1630'.  
 Lawrence.

32, 22' SL, 5' WL, NE NE. Marathon Oil Co. #J. M. 31 J. T.  
 Griggs Act. #1. Spd. 6-14-78. Comp. 6-23-78. TD  
 1914'. Water Input. McClosky, top 1651'.  
 Lawrence.

32, 102' SL, 48' EL, SE. Marathon Oil Co. #L. M. 37 J. T.  
 Griggs Act. #1. Spd. 6-23-78. Comp. 7-5-78. TD  
 1930'. Water Input. McClosky, top 1666'.  
 Lawrence.

32, 90' SL, 108' EL, SW SE. Marathon Oil Co. #J. M. 37 J. E.  
 Johnson. Spd. 7-25-78. Comp. 8-3-78. TD 1885'.  
 Water Input. McClosky, top 1615'. Lawrence.

5N, 10W

31, NW NE NW. Albe Energy Co., Inc. #1 Van Gilder. Spd.  
 10-1-78. Comp. 10-8-78. TD 2999'. D&A. Grand  
 Tower, top 2980'. Russellville.

LIVINGSTON COUNTY

28N, 6E

32, 200' SL, 1198' EL, NE. Northern Ill. Gas Co. #108  
 Fienhold. Spd. 6-4-78. Comp. 10-11-78. TD 2623'.  
 Gas Injection-Withdrawal. Galesville, top 2415'.  
 Pontiac Gas Storage.

33, 125' NL, 150' EL, NW. Northern Ill. Gas Co. #109  
 Fienhold. Spd. 6-24-78. Comp. 10-10-78. TD 2623'.  
 Gas Injection-Withdrawal. Galesville, top 2462'.  
 Pontiac Gas Storage..

LIVINGSTON COUNTY (cont'd.)

28N, 6E

34, 66'NL, 100'EL, SW. Northern Illinois Gas Co. #101.  
 Vitzthum. Spd. 7-14-78. Comp. 10-10-78. TD 3566'.  
 Water Observation. Galesville, top 2654'.  
 Pontiac Gas Storage.

30N, 3E

30, 345'NL, 70'WL, SW NE. Northern Illinois Gas Co. #7  
 L. Sixt. Spd. 5-12-78. Comp. 8-15-78. TD 2632'.  
 Gas Injection-Withdrawal. Mt. Simon, top 2310'.  
 Ancona Gas Storage.

MCLEAN COUNTY

25N, 3E

14, 100'SL, 65'EL, SW SW. Northern Illinois Gas Co. #1  
 Learned. Spd. 2-23-78. Comp. 9-29-78. TD 4176'.  
 Gas Injection-Withdrawal. Mt. Simon, top 3790'.  
 Hudson Gas Storage.

14, 82'SL, 251'EL, NW. Northern Illinois Gas Co. #9 Pyne.  
 Spd. 8-19-77. Comp. 10-6-78. TD 3110'. Observation.  
 Galesville, top Not Available. Lexington Gas  
 Storage.

14, 82'SL, 326'EL, NW. Northern Illinois Gas Co. #10  
 Pyne. Spd. 9-5-77. Comp. 10-6-78. TD 3310'. Gas  
 Injection-Withdrawal. Galesville, top 3155,  
 est. Lexington Gas Storage.

14, 559'NL, 621'EL, NW. Northern Illinois Gas Co. #11  
 Pyne. Spd. 5-17-78. Comp. 9-28-78. TD 4079'. Gas  
 Injection-Withdrawal. Mt. Simon, top 3748'.  
 Hudson Gas Storage.

23, 100'NL, 50'WL, SE NE. Northern Illinois Gas Co. #4  
 Brokaw Well. Spd. 3-18-78. Comp. 9-26-78. TD  
 4170'. Gas Injection-Withdrawal. Mt. Simon,  
 top 3793'. Hudson Gas Storage.

24, 66'NL, 150'WL, NE. Northern Illinois Gas Co. #1 M.  
 Stack. Spd. 4-17-78. Comp. 9-29-78. TD 4124'. Gas  
 Injection-Withdrawal. Mt. Simon, top 3811'.  
 Hudson Gas Storage.

26N, 2E

25, 236'NL, 100'WL, SE NW. Northern Illinois Gas Co. #7  
 H. Hitch. Spd. 7-6-78. Comp. 9-20-78. TD 4010'.  
 Gas Injection-Withdrawal. Mt. Simon, top 3646'.  
 Lake Bloomington Gas Storage.

26N, 3E

30, 18'NL, 150'WL, NE SE. Northern Illinois Gas Co. #1  
 Hany. Spd. 6-11-78. Comp. 9-25-78. TD 3988'. Gas  
 Injection-Withdrawal. Mt. Simon, top 3642'.  
 Lake Bloomington Gas Storage.

MACOUPIN COUNTY

9N, 6W

12, SE SE NE. Emile A. Meyer, Jr. #1 Fred A. Monke. Spd. 10-23-78. Comp. 10-26-78. TD 1805'. D&A. Silurian, top 1685', est. WF.

11N, 6W

33, NW NE NW. Emile A. Meyer, Jr. #1 Wilbur & George Bloome. Spd. 10-16-78. Comp. 10-20-78. TD 1750'. D&A. Hunton, top 1618'. WF.

MADISON COUNTY

6N, 6W

16, NW SE SW. John T. Mitchell #1 John Siever. Spd. 10-28-78. Comp. 11-7-78. TD 600'. D&A. Pennsylvanian, top 515', est. Livingston.

MARION COUNTY

1N, 1E

4, SW NE NE. Cecil W. Newcomb #2 Larry Evans Comm. Abd. Loc. Langewisich-Kuester.

4, 360'NL, 330'WL, NE. Cecil W. Newcomb #3 Robert Vogt. Spd. 9-26-78. Comp. 9-30-78. TD 1671'. D&A. Upper Cypress, sand not present. Langewisich-Kuester.

1N, 4E

34, SE NE SE. Black Hawk Resources Corp. #86-34 M. Michael. Spd 10-21-78. Comp. 10-29-78. TD 3378'. D&A. Salem, top 3200'. Hickory Hill.

MONROE COUNTY

1S, 10W

35, NW SW SW. John W. Kelly #1 Harold Gummersheimer. Abd. Loc. Waterloo.

MOULTRIE COUNTY

12N, 6E

10, 430'NL, 330'EL, NW. Harry J. Adams #1 C. D. Young. Spd. 10-3-78. Comp. 10-12-78. TD 3308'. D&A. Devonian, top 3190'. WF.

RANDOLPH COUNTY

5S, 7W

23, 330'NL, 337'WL, SW SE. Jackson County Oil Promoters #1 L. Stork. Spd. 10-18-78. Comp. 10-20-78. TD 475'. D&A. Aux Vases, top Not Available. WF.

RICHLAND COUNTY

4N, 14W

34, NW NE NE. Russ Randall, Inc. #1 L. Muhs. Spd. 7-2-78. Comp. 11-14-78. TD 3004'. IP 27 BOF. Spar Mt., top 2926', A. Hadley.

RICHLAND COUNTY (cont'd.)

5N, 10E

28, C E/2 SW SW. Hubert W. Rose #1 Bennett. OWWO. Was Calvert Drig. #1 Bennett, McClosky producer. Comp. 6-12-78. TD 2370'. D&A. McClosky, top 2897'. Clay City Consol.

ST. CLAIR COUNTY

1N, 10W

Proj. 8, 330' SL, 330' WL, Lot 21, (Approx. 4500' SL, 3000' EL, Sec.) T. R. Kerwin #1 Bradbury Comm. Spd. 9-26-78. Comp. 10-16-78. TD 553'. D&A. Ft. Atkin, top 507'. Dupo.

SALINE COUNTY

8S, 5E

26, 720' SL, 330' WL, NW SW. Duke Resources Corp. #3 Galleher. Abd. Loc. Harco East.

8S, 7E

24, NW NE SE. Egyptian Gas Storage Corp. #2 Fals Comm. Spd. 12-2-75. Comp. 9-26-78. TD 2175'. D&A. Tar Springs, top 2142'. Eldorado East.

SANGAMON COUNTY

15N, 7W

24, SW SW NE. Comanche Oil Corp. #1 H. O. Saunders. Spd. 10-14-78. Comp. 10-18-78. TD 1526'. D&A. Silurian, top 1358'. WF.

16N, 2W

30, C N/2 SW SE. John Carey Oil Co., Inc. #2 Hampton. Spd. 4-4-78. Comp. 10-17-78. TD 1792'. SWD. Burlington, top 1347', Acid. Roby East.

WABASH COUNTY

1N, 11W

7, 330' SL, 330' WL, SW, Location 571. Cardinal Oil Co. #1 Grover Sanders. Conv. c. Was Biehl producer. OTD 1409'. Comp. 5-16-78. TD 1436'. SWD. Biehl, top 1406'. Allendale.

1N, 12W

7, SW NW SW. Gilbert A. Higgins #1 J. R. Litherland. Abd. Loc. Friendsville North.

17, 336' SL, 338' WL, SE. R. W. Elsie #1-SWD H. Litherland. Conv. Was Shell #1 Wilkinson, D&A. Comp. 10-17-78. TD 2532'. SWD. Tar Springs, top 1700'. Allendale.

1S, 12W

30, 1650' SL, 740' EL, NW. Southern Triangle Oil Co. #3 Seiler Heirs. Spd. 7-17-78. Comp. 11-14-78. TD 2492'. IP 15 BOP. OHara, top 2428', MCA. Mt. Carmel.

WABASH COUNTY (cont'd.)

1S, 13W

2, SE SW SW. J & W Equipment Co. #3 Amos Majors. Conv. Was Sinclair Oil & Gas Co., Cypress producer, Comp. 1954'. Recomp. 9-28-78. TD 2350'. Water Input. Cypress, top 2301'. New Harmony Consol.

32, C N/2 SW SE. Gilbert A. Higgins #1 Theodore Hocking. Spd. 8-28-78. Comp. 10-11-78. TD 2584'. IP 22 BOP/10 BW. Cypress, top 2463', Acid & Frac. Benoist, top 2579', Acid & Frac. New Harmony Consol.

2S, 13W

32, 330' SL, 400' WL, SW. W. E. Brubeck #WS-1 Epler. Spd. 7-31-77. Comp. 8-3-77. TD 41'. Water Supply. Sand and gravel, top 33'. New Harmony Consol.

32, 550' SL, 30' WL, SW. W. E. Brubeck WS-2 Epler. Abd. Loc. New Harmony Consol.

2S, 14W

26, NW SE NE. Hocking Oil Co., Inc. #1 Messman. Spd. 9-29-78. Comp. 11-14-78. TD 2176'. IP 23 BOP. Waltersburg, top 2142', Frac. New Harmony Consol.

WASHINGTON COUNTY

3S, 1W

7, NW SW NE. Farm Feeds Constr., Inc. #1-D Rybacki. Spd. 10-17-78. Comp. 10-21-78. TD 1410'. D&A. Benoist, top 1400', est. Dubois Consol.

8, SW NW SW. Farm Feeds Constr., Inc. #1 Kuberski. Spd. 10-30-78. Comp. 11-2-78. TD 1256'. D&A. Cypress, top 1225', est. Dubois Consol.

WAYNE COUNTY

1N, 5E

Irr. 31, 330' NL, 990' WL, SE NE. Bufay Oil Co. #1 Daisy Coil. Spd. 9-1-78. Comp. 10-15-78. TD 2850'. IP 4 BOP/75 BW. Aux Vases, top 2792'. Coil North.

Irr. 31, 990' SL, 330' EL, NE NE. Bufay Oil Co. #2 Earlene Greenwalt. Spd. 10-26-78. Comp. 11-1-78. TD 2957'. D&A. Ste. Genevieve, top 2845', est. Coil North.

1N, 7E

23, NW NE NE. Booth Oil Co., Inc. #2 Beckel. Spd. 8-14-78. Comp. 10-31-78. TD 3184'. IP 128 BOP/70 BW. McClosky, top 3145', Acid. Clay City Consol.

## WAYNE COUNTY (cont'd.)

1N, 8E

Irr. 3, 2310'NL, 380'EL, NW NW. Donald E. Schmitt #1-A  
 W. Obrecht. 9-18-78. Comp. 10-1-78. TD 3735'.  
 D&A. Salem, top 3398'. Clay City Consol.

16, NW SE NE. Republic Oil Co., Inc. #2 Hohlbaugh. Spd.  
 8-13-78. Comp. 10-31-78. TD 3780'. IP 25 BOP.  
 Salem, top 3622', Acid. Clay City Consol.

29, SW SW SE. Fletcher F. Farrar #3-SWD Straub. Conv.  
 Was Geo. & Wrather #2 Straub "B". Aux Vases producer.  
 Comp. 7-11-77. TD 3039'. SWD. Aux Vases, top  
 3018'. Clay City Consol.

1N, 9E

34, SW SW NE. George Manda #1 G. Manda. Spd. 9-27-78.  
 Comp. 10-6-78. TD 4005'. D&A. Salem, top 3670',  
 est. WN-Maple Grove Consol.

1S, 5E

22, 900'SL, 330'WL, SE SE. Fletcher F. Farrar #1 Meyers-  
 Keen Comm. Spd. 8-8-78. Comp. 10-10-78. TD 3619'.  
 D&A. Salem, top 3432'. WN-Keenville.\*

1S, 6E

10, NE NE SE. Republic Oil Co., Inc. #2-A Stevenson.  
 Spd. 8-23-78. Comp. 10-31-78. TD 3345'. IP 5  
 BOP/50 BW. Aux Vases, top 3041', Frac.  
 Johnsonville South.

20, SW NE SE. Bufay Oil Co. #3 Belford. Spd. 8-16-78.  
 Comp. 10-1-78. TD 3222'. IP 6 BOP/60 BW. Aux  
 Vases, top 3044'. Johnsonville Consol.

2S, 6E

29, SE SW SW. Illinois Mid-Cont. Co. & Dee Drilg. Co. #1  
 Almo Farm. Spd. 9-17-78. Comp. 11-7-78. TD 4176'.  
 IP 9 BOP/9 BW. Ullin, top 4100', MCA. Mayberry.  
EXTENSION TO FIELD.

2S, 8E

13, NW SE NE. Robinson Production, Inc. #1 Lagow. Spd.  
 10-13-78. Comp. 10-19-78. TD 3532'. D&A.  
 Fredonia, top 3484'. WN-Goldengate North Consol.

3S, 9E

7, 330'NL, 380'WL, NE. Jerry E. Friend #1 Noel J. Vaughn.  
 Spd. 8-30-78. Comp. 11-7-78. TD 4200'. IP 10  
 BOP/150 BW. Aux Vases, top 3290', MCA & Frac.  
 Goldengate Consol.

8, C E/2 NW SW. John M. Zanetis #1-A Musgrave. Spd.  
 9-28-78. Comp. 11-7-78. TD 4206'. IP 230 BOP.  
 McClosky, top 3459'. Goldengate Consol.

\* This well was incorrectly run as producer in the Oct. 1978  
 Drilling Report.

2/4  
WHITE COUNTY

3S, 9E

28, SE NW SW. Absher Oil Co. #1A SWD Owen Matz. Conv.  
Was Jarvis #2 Whitlow, D&A, OTD 3450', Comp. 1944.  
Recomp. 8-19-78. COTD 3200'. SWD. Cypress, top  
3074'. Goldengate Consol.

4S, 8E

29, SW NW NE. Perry Fulk #3 Harold Thomas. Spd. 8-3-78.  
Comp. 10-24-78. TD 3499'. IP 82 BOP. Aux Vases, top  
3336', Frac. Springerton South.

29, NW SW NE. Perry Fulk #2 Hendershott-Thomas Unit. Spd.  
7-20-78. Comp. 11-14-78. TD 3501'. IP 56 BOP. Aux  
Vases, top 3341', MCA & Frac. Springerton South.

29, NW SE NE. Southern Illinois Oil Producers, Inc. #1  
Lawrence Lewis. Spd. 10-11-78. Comp. 11-14-78. TD  
3490'. D&A. (SC). Spar Mt., top 3462'.  
Springerton South.

29, NW SW SE. Hobson Oil Co. #1 Ward. Spd. 9-1-78. Comp.  
10-18-78. TD 3444'. IP 40 BOP/60 BW. Aux Vases, top  
3406'. Springerton South.

29, SE NW NW. Perry Fulk #1 Weiss Comm. Spd. 8-21-78.  
Comp. 11-14-78. TD 3474'. IP 50 BOP. McClosky, top  
3440'. Springerton South.

4S, 11E

Irr. 6, 330' SL, 330' WL, NE NW. Louis A. Pessina #2-A  
Howard Ely. Spd. 10-20-78. Comp. 10-22-78. TD  
1906'. D&A. Kincaid, top 1896'. Phillipstown  
Consol.

4S, 14W

Irr. 18, 330' NL, 990' WL, SW SW. Sun Oil Co. (Delaware) #3  
Carr-Renshaw Tract 1. Conv. Was McClosky producer,  
Comp. 7-25-44. Worked over as Mansfield producer,  
Comp. 7-23-78. Recomp. 10-31-78. PBTD 2030'.  
Water Supply. Pennsylvanian, top 1850'.  
Phillipstown Consol.

Irr. 19, 330' NL, 358' EL, SW NW. C. E. Brehm Drlg & Prod.  
#5 "A" Boulttinghouse. Spd. 11-16-77. Comp. 11-26-77.  
TD 4575'. IP 35 BOP/30 BW. Pennsylvanian, top  
2099', Frac. Cypress, top 2761', Frac.  
Phillipstown Consol.

Irr. 30, 380' SL, 330' WL, NW NE. C. E. Brehm Drlg & Prod.  
#1 Henning. Spd. 10-5-78. Comp. 10-10-78. TD 3145'.  
D&A. Ste. Genevieve, top 3005', est. Phillips-  
town Consol.

## WHITE COUNTY (cont'd.)

5S, 8E

Irr. 6, 330' SL, 330' EL, SE. RK Petro. Corp. #1 John Wooten.  
Spd. 9-26-78. Comp. 10-31-78. TD 3500'. D&A.  
McClosky, top 3489'. WN-Enfield.

27, C NW SW. Able Energy Co., Inc. #1 Mary Ackerman. OWWO.  
Was Texas Pacific Oil #1 Mary Ackerman Comm., OTD 7331,  
D&A, Comp. 1974. Recomp. 10-12-78. COTD 4600'.  
D&A. Ullin, top 4208'. WN-Enfield.

30, NE SE NW. C. E. Brehm Drdg. & Prod. #1 Truman Wilson.  
Spd. 10-12-78. Comp. 10-16-78. TD 3480'. D&A. Ste.  
Genevieve, top 3385', est. WN-Enfield.

5S, 9E

Irr. 18, 330' SL, 330' EL, NW SW. Absher Oil Co. #4 Burkhardt.  
Spd. 9-22-78. Comp. 11-14-78. TD 4110'. IP 4 BOP.  
Ullin, top 4092'. Trumbull Consol. NEW PAY IN  
FIELD.

5S, 14W

4, 900' NL, 330' EL, NW. Sun Oil Co. (Delaware) #1 Greathouse  
"A". Spd. 8-7-78. Comp. 9-14-78. TD 4550'. IP 221  
BOP/46 BW. Ft. Payne, top 3990'. New Harmony  
Consol.

6S, 8E

1, C SE NE. Wm. R. & Phyllis Becker #1 Taylor. Spd.  
7-27-78. Comp. 11-14-78. TD 4312'. IP 18 BOP.  
Ullin, top 4192'. Roland Consol.

6S, 9E

28, SE NE NE. Sands Oil Corp. #6 Northwest Herald Unit.  
Spd. 8-22-78. Comp. 9-20-78. TD 2290'. IP 5 BOP.  
Waltersburg, top 2278'. Herald Consol.

7S, 11E

17, 330' SL, 750' WL, SW. Coy Oil, Inc. #2-A Stinson Heirs.  
Spd. 10-5-78. Comp. 11-14-78. TD 2892'. IP 40 BOP.  
Cypress, top 2453', Frac. New Haven Consol.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH NOVEMBER 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CLAY COUNTY

11-5N-5E, 330' SL, 229' WL, NE NW. Texas Co. #1 C. Fender. 2137'.  
11-9-78. Iola Consol.

## CLINTON COUNTY

1-1N-1W, NW SW SW. Shell Petro. Corp. #2 R. Koelmel. 1361'.  
10-18-78. Water input, formerly a producer. Centralia.  
2-1N-1W, 1650' SL, 330' EL, SE. Shell Oil Co. #5 Louis Schmitz,  
formerly Adams Oil & Gas. 1344'. 10-18-78. Water input,  
formerly a producer. Centralia.

## EDWARDS COUNTY

20-1N-10E, 330' SL, 430' WL, SE NE. Spartan Petro. Co. #1 Maves  
Unit. 4154'. 11-7-78. Samsville West.  
21-2S-14W, 330' SL, 990' WL, SW. W. O. Morgan #1 Sarah D. Rotramel.  
3147'. 11-9-78. Albion East.

## EFFINGHAM COUNTY

28-6N-7E, NW SW NE. Reward Oil Co. & Ashland Oil & Rfg. #1  
Edward Stortzum. 2885'. 11-21-78. Sailor Springs Consol.

## FAYETTE COUNTY

17-7N-3E, SW NW SW. Carter Oil Co. #2-W Ola Harper. 1533'.  
10-27-78. Water input formerly a producer. Louden.  
29-8N-3E, 355' SL, 330' EL, NW SW. Carter Oil Co. #2 Ownes-Fair  
Unit. 1510'. 10-27-78. Louden.  
34-9N-3E, NE SE SE. Carter Oil Co. #3 Silas Buzzard. 1528'.  
11-6-78. Louden.

## JASPER COUNTY

1-5N-10E, 330' NL, 330' EL, SW SW. Estate of J. W. Rudy #C-1  
Milliman. 2877'. 11-7-78. St. Marie West.  
16-5N-10E, 330' NL, 660' EL, SE SE. Continental Oil Co. #1 Honey  
Consol, formerly Calvert Drlg., Inc. 2948'. 10-2-78.  
Water input, formerly a producer. Clay City Consol.  
3-6N-10E, NE NE SW. Osage Drlg. Co. #1 E. J. Schackmann. 3207'.  
10-4-78. Clay City Consol.  
17-6N-10E, 644' SL, 658' WL, SW. Pure Oil Co. #A-1 Armstead Con-  
solidated. 2885'. 10-26-78. Water input, formerly a pro-  
ducer. Clay City Consol.  
22-8N-14W, 330' NL, 330' EL, SE SW. Knight Oil Co. #3 Ralph  
Sneary. 950'. 10-25-78. Bellair.

## JEFFERSON COUNTY

12-1S-3E, SE NE SE. David F. Herley #1 Bryant. 3195'. 11-21-78.  
Divide Consol.

25-1S-3E, NW NW NW. Wm. F. Seiglar #1 M. Minor, formerly Eastern  
Petro. Co. #1 P. Minor, originally E. Homer Jahn. 3242'.  
11-16-78. Divide Consol.

26-1S-3E, 700' SL, 330' EL, NE NE. Burrell G. Minor #1 E. Estes  
& B. G. Minor Comm. 3265'. 11-17-78. Divide Consol.

## LAWRENCE COUNTY

15-3N-12W, 330' NL, 330' EL, SW SE. E. O. Lurker #8 Gillespie  
Heirs. 1848'. 10-19-78. Lawrence.

29-4N-12W, 198' NL, 184' WL, NE NE. Silurian Oil Co. #2 Greenlee.  
1753'. 8-31-78. Lawrence.

## RICHLAND COUNTY

28-5N-10E, NW NE SW. Continental Oil Co. #1 Williamson, for-  
merly Calvert Drlg., Inc. 2960'. 10-25-78. Water input,  
formerly a producer. Clay City Consol.

28-5N-10E, 345' SL, 330' EL, SW. Calvert Drlg., Inc. #2 J.  
Williamson. 2900'. 10-27-78. Clay City Consol.

## WABASH COUNTY

17-1S-12W, 50' SL, 980' WL, SW. Shell Oil Co. #51 Mt. Carmel  
Unit. 2032'. 11-9-78. Water input, formerly a producer.  
Mt. Carmel.

14-3S-14W, 1779' SL, 1844' WL, SW. Sohio Petro. Co. #SD-2 D. G.  
Updegraff. "A", formerly #43. 2930'. 11-14-78. Comb.  
Salt Water Disposal & Water Input, formerly a producer.  
New Harmony Consol.

## WAYNE COUNTY

2-1S-7E, 330' NL, 660' EL, SE SE. John B. Murvin #2 J. J. Davis.  
3180'. 10-25-78. Clay City Consol.

2-1S-7E, SE SW SE. John B. Murvin #4 J. J. Davis. 3205'.  
11-6-78. Clay City Consol.

21-1S-8E, NE NE NW. Slagter Producing Co. #1-E O. H. Gray.  
3279'. 10-28-78. Clay City Consol.

27-1S-8E, SW NE SW. Tamarack Petro. Co. #1 Nunn, formerly Cullom  
& Lawhead #2, originally C. R. Ross #1 Charles Nunn. 3329'.  
11-1-78. Water input, formerly a producer. Clay City  
Consol.

27-1S-8E, 330' NL, 580' WL, SE NW. Cullum & Lawhead #1 Nunn.  
3235'. 11-4-78. Clay City Consol.

27-1S-8E, SE SE NW. Cullum & Lawhead #3 Nunn. 3227'. 11-2-78.  
Clay City Consol.

## WHITE COUNTY

36-6S-10E, 259' NL, 259' EL, NW SE NE. Slagter Producing Corp.  
#1-A Robert Keck. 2575'. 11-1-78. Maunie South Consol.

36-6S-10E, 330' SL, 560' WL, SE NE. Slagter Producing Co. #2-A  
Robert Keck. 1930'. 11-6-78. Maunie South Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karpak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Ill. Pet. 114. Salem Limestone Oil and Gas Production in the Keenville Field, Wayne County, Illinois (1978).

Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-M Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).

EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).

## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned	OTD — Old total depth
Acid — Acid treatment	OWDD — Old well drilled deeper
BOF — Barrels of oil flowing	OWWO — Old well worked over
BOP — Barrels of oil on pump	PB — Plugged back
BW — Barrels of water	PBTD — Plugged-back total depth
C — Center	R — Range
Comp. — Completed	S/2 — South $\frac{1}{2}$
Consol. — Consolidated	SE — Southeast $\frac{1}{4}$
COTD — Clean-out total depth	SG — Show of gas
Csg. — Casing	Sh. — Shale
D & A — Dry and abandoned	SIGW — Shut-in gas well
Dol. — Dolomite	SL — From the south line
DTD — Drilled deeper total depth	SO — Show of oil
E/2 — East $\frac{1}{2}$	Spd. — Spudded
EL — From the east line	Ss. — Sandstone
Est. — Estimated	SSO — Slight show of oil
Ext. — Extension(s)	SW — Southwest $\frac{1}{4}$
Fm. — Formation	Swb. — Swabbing
Fr. — Fractional	SWD — Salt water disposal well
Frac. — Hydraulic fracture treatment	T — Township
IP — Initial production	TD — Total depth
L — Line	Temp. abd. — Temporarily abandoned
Loc. — Location	W/2 — West $\frac{1}{2}$
Ls. — Limestone	WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
N/2 — North $\frac{1}{2}$	WL — From the west line
Nat. — Natural, no treatment	WN — Wildcat near ( $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)
NE — Northeast $\frac{1}{4}$	
NL — From the north line	
NW — Northwest $\frac{1}{4}$	



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State of Illinois  
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY  
Urbana, Illinois 61801

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MONTHLY REPORT

OIL AND GAS DRILLING  
IN ILLINOIS

Jacob Van Den Berg



DISCOVERIES

New Fields

None

New Pay Zones in Fields

PHELPS TOWN CONSOLIDATED. White County, 31-3S-11E, Salem at 3790'.

Discovery well, Edward J. Saxe #1 L. Sturm et al., IP 7 BOP after frac.

SPRINGERTON SOUTH. White County, 29-4S-8E, Ohara at 3420'.

Discovery well, Perry Fulk #1 Foley "A." IP 100 BOP from Ohara and Aux Vases.

Extensions to Fields

ELLERY SOUTH. Edwards County, 4-3S-10E, McClosky at 3285'.

Discovery well, Modern Explorations #1 Glover, IP 125 BOP, 3 BW.

RUSSELLVILLE. Lawrence County, 20-4N-10W, McClosky at 1614'.

Discovery well, Schlensker Drilling Corp. #1 Glenn Mahrenholz, IP 3BOP, 30 BW.

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TABLE I

New Pools Discovered from January 1978 through December 1978

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng.
<u>January 1978</u>			<u>July</u>		
None			Pana Central		
			Christian County	11N	1E
<u>February</u>			<u>August</u>		
None			None		
<u>March</u>			<u>September</u>		
Wayne City	2S	6E	None		
Wayne County					
<u>April</u>			<u>October</u>		
None			None		
<u>May</u>			<u>November</u>		
Norris City West	6S	8E	None		
White County					
<u>June</u>			<u>December</u>		
None			None		

TABLE II  
COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

Field Discoveries	Producing Oil Wells (Gas in Parentheses)			New Dry Holes			Total New Tests	Production in Thousands of Barrels		
	Field Wells	Newly Drilled Holes		Reworked Dry Field Wells		Wildcat Near Far				
		Field Ext.	Holes	Dry Holes	Field Wells					
<u>1977</u>										
Jan.	41(1)	0	0	37	4(1)	16	2	58	1,719	
Feb.	33	0	1	34	0	8	3	46	1,836	
Mar.	48(1)	0	1	42(1)	7	17	6	69	2,309	
Apr.	50(1)	0	1	46(1)	5	11	3	66	2,206	
May	59(1)	0	0	54(1)	5	21	10	86	2,274	
June	53(3)	0	1	54(3)	5	32	12	103	2,234	
July	40(1)	0	1(2)	39(3)	2	26	13	84	2,180	
Aug.	30(3)	0	1(1)	29(4)	2	22	3	60	2,238	
Sept.	63	0(1)	1(1)	64(1)	5(1)	30	6	103	2,190	
Oct.	52	0	2	46	9	36	9	96	2,176	
Nov.	60(3)	2	2	61(3)	3	27	12	108	2,115	
Dec.	84(4)	1	3	79(3)	9(1)	48	12	152	2,052	
	624(18)	3(1)	14(4)	585(20)	56(3)	294	91	1,036	25,609	
<u>1978</u>										
Jan.	38	0	1	38	1	7	1	48	2,749	
Feb.	55(1)	0	0	52(1)	3	29	9	94	1,707	
Mar.	39(2)	1	1(1)	36(2)	5(1)	19	5	63	1,844	
Apr.	29	0	2	23	4	7	2	34	2,024	
May	11	1	2	21	1	32	8	66	2,098	
June	44	0	2	42	4	43	11	9	2,035	
July	54(4)	1	2	53(4)	4	38	7	9	2,042	
Aug.	26(2)	0	0	21(2)	5	36	11	76	2,043	
Sept.	66(4)	0	4	63(4)	7	22	1	92	1,934	
Oct.	43	0	0	43	0	42	13	108	2,030	
Nov.	63(1)	0	1	63(1)	1	28	12	8	1,973	
Dec.	58	0	2	58	2	34	25	12	2,038	
	530(14)	3	17(1)	513(14)	37(1)	337	105	69	23,517	

Tests are considered field wells if located less than  $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production and if successful are usually called extensions. Far wildcats, over  $1\frac{1}{2}$  miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through November 1978 are from reports received directly from crude gathering companies. The figure for December 1978 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, December 1978

County	Permits to Drill*	Total Comp.	Production Tests			Service Wells			Struc- ture Tests	
			New Holes		OWWO	D&A to Prod.	New	Conversions		
			Prod.	D&A				Were Prod.	Others	
Bond	-	2	1	1	-	-	-	-	-	-
Christian	1	3	1	1	-	-	1	-	-	-
Clark	4	6	-	3	-	-	3	-	-	-
Clay	8	9	4	4	-	-	-	1	-	-
Clinton	2	2	1	1	-	-	-	-	-	-
Coles	-	1	-	-	-	-	-	1	-	-
Crawford	11	19	4	3	-	-	12	-	-	-
Cumberland	-	2	-	2	-	-	-	-	-	-
Douglas	-	2	-	2	-	-	-	-	-	-
Edgar	1	2	-	2	-	-	-	-	-	-
Edwards	5	6	3	2	-	-	-	-	1	-
Effingham	1	1	-	-	1	-	-	-	-	-
Fayette	8	1	-	1	-	-	-	-	-	-
Franklin	5	4	-	4	-	-	-	-	-	-
Gallatin	-	3	-	2	-	-	-	1	-	-
Hamilton	5	5	2	3	-	-	-	-	-	-
Jasper	3	5	3	2	-	-	-	-	-	-
Jefferson	14	7	2	5	-	-	-	-	-	-
Lawrence	12	3	2	-	1	-	-	-	-	-
McDonough	-	1	-	1	-	-	-	-	-	-
Macon	1	-	-	-	-	-	-	-	-	-
Madison	2	-	-	-	-	-	-	-	-	-
Marion	3	2	-	1	-	-	-	1	-	-
Pike	1	-	-	-	-	-	-	-	-	-
Randolph	-	5	3	1	-	-	-	-	1	-
Richland	2	2	2	-	-	-	-	-	-	-
St. Clair	-	1	-	1	-	-	-	-	-	-
Saline	-	1	-	-	-	-	-	1	-	-
Sangamon	3	1	-	1	-	-	-	-	-	-
Shelby	1	-	-	-	-	-	-	-	-	-
Wabash	4	4	2	1	-	-	-	1	-	-
Washington	2	4	1	2	-	-	-	1	-	-
Wayne	13	23	9	10	-	-	-	3	1	-
White	14	48	18	15	-	8	6	1	-	-
	126	175	58	71	2	24	16	4	-	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, November 29, 1978 through December 31, 1978.

TABLE IV

Drilling by Counties, Natural Gas Storage, December 1978

County	Permits to drill <sup>o</sup>	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver- sions	New Wells	Conver- sions
Champaign	-	2	2	-	-	-

\*Issued by Department of Mines and Minerals, Springfield, Illinois, November 29, 1978 through December 31, 1978.

\* \* \* \* \*

#### WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

#### WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

#### WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scan Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

### OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

### BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

### OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

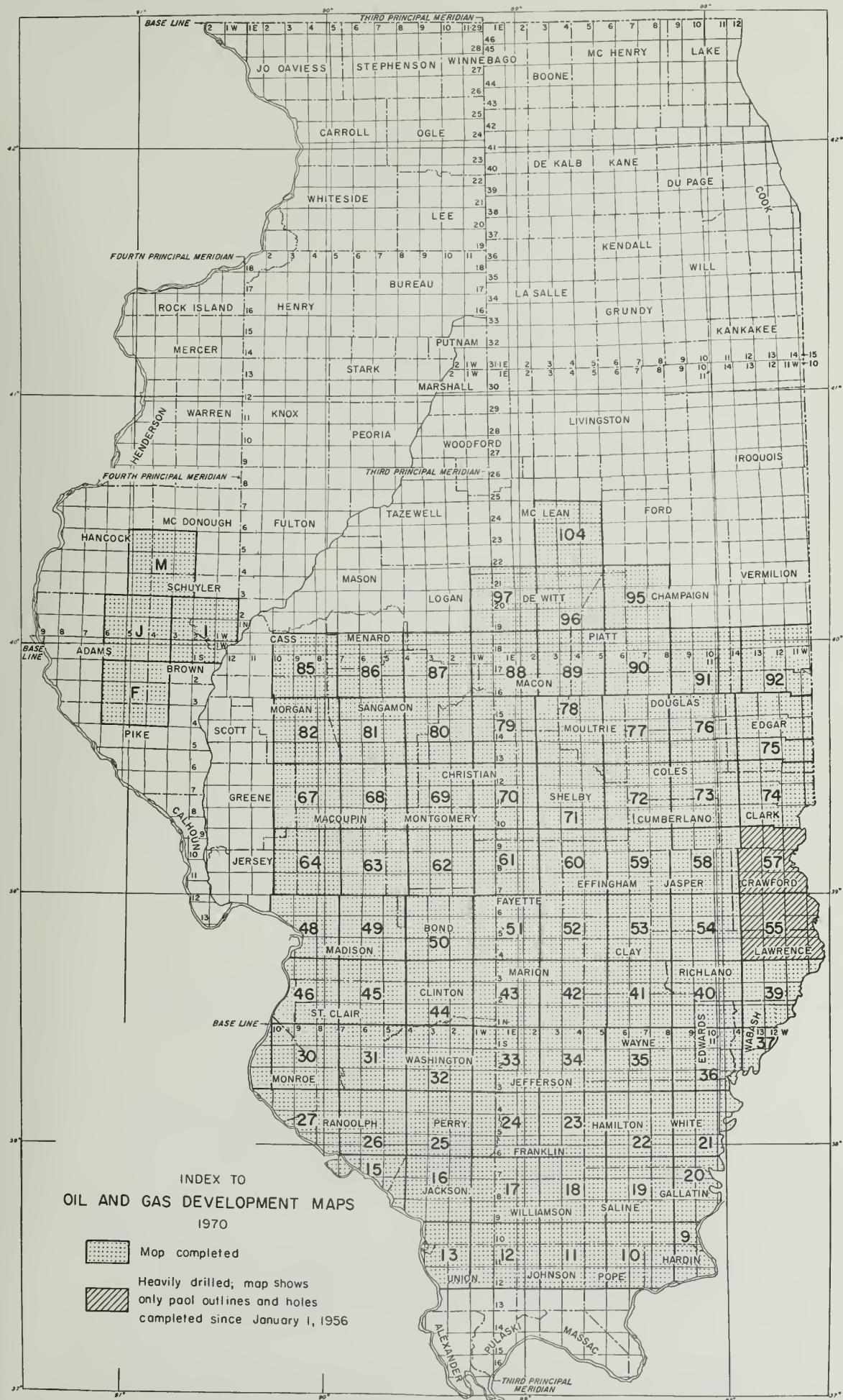
### OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.  
410 East University Avenue  
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company  
Box 436  
Mattoon, IL 62938 (phone 217-235-0311)





WELLS COMPLETED FROM NOVEMBER 25, 1978 TO DECEMBER 20, 1978

Abbreviations used are listed on the inside back cover. A field well is less than  $\frac{1}{2}$  mile, a wildcat near (WN) is  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles, a wildcat far (WF) is more than  $1\frac{1}{2}$  miles from production.

BOND COUNTY

4N, 4W

21, SW SE NE. Kady-R-Oil Co. #1 Hug. Spd. 11-25-78.. Comp. 12-12-78. TD 2252'. D&A. Devonian, top 2167'. WN-Millersburg.

5N, 4W

15, SE SE SE. Arnold Wilson #1 Gabbert-File Comm. Spd. 9-6-78. Comp. 11-11-78. TD 568'. IP 6 BOP. Pennsylvanian, top 556', Frac. Old Ripley.

CHAMPAIGN COUNTY

21N-7E

7, 45' SL, 78' EL, SE NW SE. Peoples Gas Light & Coke Co. #6 L. Kroner. Spd. 9-9-78. Comp. 10-7-78. TD 4247'. Gas injection/withdrawal. Mt. Simon, top 3992'. Manlove Gas Storage.

7, 83' SL, 64' WL, NE NE. Peoples Gas Light & Coke Co. #1 Rohling. Spd. 8-10-78. Comp. 9-5-78. TD 4262'. Gas Injection/withdrawal. Mt. Simon, top 3999'. Manlove Gas Storage.

CHRISTIAN COUNTY

11N, 1E

11, SE NE NE. Rector & Stone Drdg. Co. #1 Phillip Hebert. Spd. 10-18-78. Comp. 11-28-78. TD 1547'. IP 6 BOP/Tr Wtr. Benoit, top 1505', Frac. Pana Central.

11, NE NE NE. Rector & Stone Drdg. Co. #2 Theodore Hebert. Spd. 12-5-78. Comp. 12-12-78. TD 1661'. D&A. Ste. Genevieve, top 1600', est. Pana Central.

13N, 1E

20, SW NW SE. E. H. Kaufman #3 S.W.D. Tedrow. Spd. 7-19-78. Comp. 12-12-78. TD 2430'. SWD. Devonian, top 2340'. Assumption Consol.

CLARK COUNTY

9N-11W

9, NE NE SE. Oilfield Research, Inc. #1 Neal Bumpus. Spd. 2-26-78. Comp. 3-5-78. TD 2508'. D&A. Devonian, top 2434'. WF

9N, 14W

26, 71' NL, 1105' WL, NE SW. Steve Tomko #T-6 Ritter. Abd. Loc. Johnson South.

CLARK COUNTY (cont'd,)

9N, 14W

26, 116'NL, 140'WL, NW SE. Steve Tomko #T-7 Ritter.  
Abd. Loc. Johnson South.

35, NW NE NW. Glenn E. & Myron G. Applegate #1 Glen E.  
& Myron G. Applegate. Spd. 11-29-78. Comp.  
12-15-78. TD 540'. D&A. Partlow, top not  
available. Johnson South.

10N, 14W

24, 441'NL, 521'WL, SE. Ram Oil Co. #1-SWD Norman  
Truelove. Spd. 9-14-78. Comp. 9-18-78. TD 1443'.  
SWD. Carper, top 1346'. Johnson North.

11N, 14W

4, C SW SE. Centennial Energy #WI-1 Doit Biggs. Spd.  
12-6-78. Comp. 12-14-78. TD 348'. Water Input.  
Mississippian, top 313'. Westfield.

20, C NW NE. Charles Watters #1-A Albert Ennis Dis-  
posal. Spd. 9-29-78. Comp. 10-9-78. TD 348'.  
SWD. Pennsylvanian, top 277'. Westfield.

12N, 14W

26, NW NW NE. John D. Long #1 Tyler. Spd. 11-8-78.  
Comp. 11-24-78. TD 500'. D&A. Pennsylvanian  
sand., top not available. WN-Inclose.

CLAY COUNTY

2N, 7E

17, C E/2 NE NE. Robert E. Trimpe #1 Walter Anderson.  
Spd. 11-11-78. Comp. 12-5-78. TD 3170'. D&A.  
McClosky, top 3128'. Clay City Consol.

2N, 8E

17, SE NE NW. Union Oil Co. of Cal. #5 Henry R. Bissey.  
Spd. 8-28-78. Comp. 12-5-78. TD 3703'. IP 160  
BOP/160 BW. Salem, top 3532', Acid. Clay  
City Consol.

3N, 7E

9, SE NE NE. Franklin Oil Co., Inc. #1 German. Con-  
version. Was Spar Mtn. and McClosky producer.  
Comp. 10-16-78. TD 3006'. SWD. Aux Vases,  
top 2900'. Sailor Springs Consol.

3N, 8E

15, SW NW NW. Crest Oil Co., Inc. #1-B Hartley. Spd.  
10-7-78. Comp. 12-12-78. TD 3544'. IP 60 BOP/35  
BW. McClosky, top 3136', Acid. Salem, top  
3498', MCA & Acid. Clay City Consol.

CLAY COUNTY (cont'd.)

3N, 8E

29, SE NW NE. Watch "It" Oil Co. #1 Shaffer. Spd.  
 10-27-78. Comp. 12-12-78. TD 3134'. IP 35 BOP.  
 Aux Vases, top 3023', MCA & Frac. Clay City  
 Consol.

4N, 6E

29, SW NE SE. "K" Oil, Inc. #1 Colman. Spd. 11-21-78.  
 Comp. 11-27-78. TD 2940'. D&A. Ste. Genevieve,  
 top 2906'. WN-Louisville.

4N, 7E

19, NE SE SE. McKinney Oil Producer, Inc. #1 Bateman.  
 Spd. 10-22-78. Comp. 12-5-78. TD 3060'. D&A.  
 McClosky, top 2912'. WN-Sailor Springs Consol.

20, NE SE NW. J. W. Rudy Co. #1-B L. E. McCollum. Spd.  
 10-17-78. Comp. 12-5-78. TD 2907'. IP 20 BOP/40  
 BW. Aux Vases, top 2888', MCA & Frac.  
 Sailor Springs Consol.

5N, 6E

33, SE SE NW. "K" Oil, Inc. #1 Oliver Brown. Spd.  
 11-1-78. Comp. 12-12-78. TD 2840'. D&A. Spar  
 Mt., top 2799'. WN-Hord South Consol.

CLINTON COUNTY

2N, 1W

33, NE NW NE. George F. Xocum #1 Clarence Mobile. Spd.  
 8-25-78. Comp. 11-21-78. TD 1440'. D&A. Benson,  
 top 1436'. WN-Shattuc.

3N, 1W

13, 990'NL, 350'WL, SE SE. Elmer Oelze, Jr. #2 Kreitler.  
 Spd. 6-9-78. Comp. 8-15-78. TD 3994'. IP 12 BOP.  
 Trenton, top 3978', Acid. Fairman.

COLES COUNTY

12N, 7E

35, 330'NL, 168'EL, NW NW. N. A. Baldridge #9 Henry  
 Uphoff. Conversion. Was Spar Mtn. producer.  
 Comp. 11-28-78. TD 1982'. Water Input.  
 Spar Mtn., top 1933'. Mattoon.

CRAWFORD COUNTY

5N, 11W

15, 678'NL, 670'EL, SW SW. Jack L. Dunlap #1 Glen  
 Decker. OWNO. Was plugged Pennsylvanian producer,  
 OTD 1805', Comp. 5-15-62. Recomp. 10-25-78.  
 COTD 1006'. IP 4 BOP/20 BW. Robinson,  
 top 970', Acid. Main Consol.

5N, 12W

Irr. 3, 165'NL, 495'WL, SW NE. Jack L. Dunlap #WI-1  
 Washington Parker. Spd. 9-1-78. Comp. 11-30-78.  
 TD 1117'. Water input. Robinson, top 1052'.  
 Main Consol.

CRAWFORD COUNTY (cont'd.)

5N, 12W

21, NW NE NW. Thunderbird Service & Supply Co., Inc.  
 #1 Caswell Crebs. Spd. 11-24-78. Comp. 11-28-78.  
 TD 1602'. D&A. Bethel, top 1595', est.  
 Main Consol.

5N, 13W

1, SW NW NW. Energy Resources of Ind., Inc. #11 Bald-  
 win-Valdez. Spd. 9-25-78. Comp. 11-6-78. TD 1258'.  
 IP 2 BOP/10 BW. Robinson, top 768', Acid &  
 Frac. Basal Pennsylvanian Sand, top  
 1192', Acid. Main Consol.

1, 20'NL, 15'EL, SW SW. Energy Resources of Ind., Inc.  
 #GW-30 Due Heirs II. Spd. 8-15-77. Comp. 8-16-77.  
 TD 1360'. Water input. Basal Pennsylvanian,  
 top 1290'. Main Consol.

2, 690'SL, 40'WL, NE. Energy Resources of Ind., Inc.  
 #AW-27 Coulter Heirs. Spd. 8-10-78. Comp. 12-5-78.  
 TD 1020'. Water input. Robinson, top 824',  
 Acid. Main Consol.

2, SE NE NW. Energy Resources of Ind., Inc. #3 Marshall  
 Heirs. Spd. 10-9-78. Comp. 10-21-78. TD 1027'.  
 IP 2 BOP/10 BW. Robinson, top 813'. Main  
 Consol.

2, 1355'NL, 660'EL, NE SE. Energy Resources of Ind.,  
 Inc. #DW-30 Richart. Spd. 7-30-77. Comp. 12-5-78.  
 TD 1340'. Water input. Basal Pennsylvanian,  
 top 1279'. Main Consol.

6N, 12W

31, NW NW NW. Energy Resources of Ind., Inc. #1 L. W.  
 Ducommun. Spd. 10-4-78. Comp. 11-2-78. TD 1427'.  
 IP 2 BOP/10 BW. Robinson, top 840', Frac.  
 Bethel, top 1355', Frac. Main Consol.

6N, 13W

34, 65'SL, 65'WL, SE NE. Energy Resources of Ind., Inc.  
 #QW-20 Baldwin Heirs. Spd. 2-15-78. Comp. 12-5-78.  
 TD 1068'. Water input. Robinson, top 873'.  
 Main Consol.

34, 65'SL, 0'EL, NE. Energy Resources of Ind., Inc.  
 #TW-20 Baldwin Heirs. Spd. 2-22-78. Comp. 12-5-78.  
 TD 1039'. Water input. Robinson, top 843',  
 Acid. Main Consol.

34, 668'NL, 65'EL, NW SE. Energy Resources of Ind., Inc.  
 #QW-21 Hardin Comm. Spd. 5-23-78. Comp. 12-5-78.  
 TD 1064'. Water input. Robinson, top 897'.  
 Main Consol.

CRAWFORD COUNTY (cont'd.)

6N, 13W

34, 40'NL, 10'WL, SE. Energy Resources of Ind., Inc.  
 #NW-20 Hicks. Spd. 8-17-78. Comp. 12-5-78. TD  
 1085'. Water input. Robinson, top 893'.  
 Main Consol. This well was erroneously  
 run as abd. loc. in Jan. 1978 Drlg.  
 Report.

34, 673'NL, 18'WL, SE. Energy Resources of Ind., Inc.  
 #NW-21 Hicks. Spd. 8-22-78. Comp. 12-5-78. TD  
 1065'. Water input. Robinson, top 915'.  
 Main Consol. This well was erroneously  
 run as abd. loc. in Jan. 1978 Drlg.  
 Report.

34, 36'NL, 730'WL, SE. Energy Resources of Ind., Inc.  
 #PW-20 Hicks. Spd. 8-16-77. Comp. 12-5-78. TD  
 1061'. Water input. Robinson, top 888'.  
 Main Consol.

34, 662'SL, 667'EL, NW SE. Energy Resources of Ind.,  
 Inc. #PW-21 Hicks. Spd. 8-9-77. Comp. 12-5-78.  
 TD 1070'. Water input. Robinson, top 913'.  
 Main Consol.

7N, 12W

Irr. 2, 330'SL, 330'WL, NE. Russ Randall, Inc. #1 L.  
 Shaefer. Spd. 11-10-78. Comp. 11-12-78. TD  
 1080'. D&A., Robinson, top 994'. Main  
 Consol.

Irr. 3, 330'SL, 330'EL, NW SE. Russ Randall, Inc. #2  
 L. Correll. Spd. 9-27-78. Comp. 10-31-78. TD  
 1077'. Water input. Robinson, top 1020'.  
 Main Consol.

8N, 13W

8, SW NE NW. Harold Elliott #1 Grendal Staley. Spd.  
 12-15-78. Comp. 12-18-78. TD 1265'. D&A. Aux  
 Vases, top 1250', est. WF.

19, C N/2 NE SE. Joseph G. Bigard #1 R. Gwinn. OWWO.  
 Originally W. Krohn, #1 Wiman, Cyp. prod., OTD  
 2760', Comp. 3-10-42, plugged 2-1-62. Was  
 R. W. Harper, #2-A G. Roland Gwinn, Penn.  
 prod., COTD 1380', Comp. 9-63. Re-  
 comp. 12-12-78. COTD 1300'.  
 D&A. Aux Vases, top  
 1281'. New Bellair.

25, SW NW SE. Used Oil Field Equipment #5 John Patelski.  
 Spd. 9-28-78. Comp. 11-21-78. TD 1021'. IP 2  
 BOP/Tr. Wtr. Robinson, top 995', Frac. Main  
 Consol.

CUMBERLAND COUNTY

10N, 7E

25, 330'NL, 550'EL, NE. C. E. Brehm Drlg. & Prod. #1  
 Likens. Spd. 11-13-78. Comp. 11-21-78. TD 3934'.  
 D&A. Hunton, top 3680'. WF.

10N, 10E

15, NE SW SW. John Traub #1 Thomas Ramsey. Spd. 1977.  
 Comp. 12-19-78. TD 1400'. D&A. Aux Vases, top  
 not available. WN-Siggins.

DOUGLAS COUNTY

15N, 7E

25, NE SW NW. Joyce I. Botts #4 Kamm. Spd. 11-7-77.  
 Comp. 11-11-77. TD 1723'. D&A. Spar Mtn., top  
 1703'. Bourbon South.

25, NW SE NW. Joyce I. Botts #5 Kamm. Spd. 11-13-77.  
 Comp. 11-16-77. TD 1750'. D&A. Spar Mtn., top  
 1704'. Bourbon South.

ELGAR COUNTY

13N, 13W

9, 380'NL, 330'EL, NE. Dorothy A. Henigman #6 Bussart.  
 Spd. 10-25-78. Comp. 11-7-78. TD 445'. D&A.  
 Pennsylvanian, top 429'. Dudley.

14N, 13W

27, 650'SL, 335'WL, NE SW. Lee Newcomer #1 Newcomer  
 Comm. Spd. 11-20-78. Comp. 11-29-78. TD 440'.  
 D&A. Pennsylvanian, top not available.  
 Dudley.

EDWARDS COUNTY

1S, 14W

20, SE NE SE. Bone Gap Drlg. Assoc. #1 Addis Coale.  
 Spd. 11-17-78. Comp. 12-12-78. TD 3107'. D&A.  
 McClosky, top 3072'. Bone Gap Consol.

2S, 10E

24, SE NE NW. M. V. Ring #1 Keith Michels. Spd.  
 8-16-78. Comp. 12-19-78. TD 3186'. IP 30 BOP.  
 Benoit, top 2937', MCA & Frac. Albion Consol.

2S, 11E

18, 1420'SL, 990'WL, SW. Superior Oil Co. #3 G. J. Works.  
 Conversion. Was McClosky prod., Comp. 1940. Con-  
 verted to water input in Waltersburg & Bethel  
 in 1965. Recomp. 8-29-78. TD 3084'.  
 Water input. McClosky, top 3068'.  
 Albion Consol.

EDWARDS COUNTY (cont'd.)

2S, 14W

Irr. 6, 462'NL, 330'WL, NE NE. Warrior Oil Co. #3 Reid.  
 OWDD. Was E. A. Obering, Waltersburg prod., OTD  
 2256', Comp. 7-11-50. Recomp. 11-22-78. TD  
 3155'. IP 26 BOP. Aux Vases, top 2998'.  
 Albion Consol.

29, SW SE NE. Kendra Corp. #1 Fred Reid. Spd. 7-5-78.  
 Comp. 12-12-78. TD 3780'. IP 3 BOP. Aux Vases,  
 top 3041', Frac. Spar Mt., top 3120', Acid.  
 Albion East.

3S, 10E

4, 460'SL, 330'WL, NW SE. Modern Explorations #1 Glover.  
 Spd. 8-18-78. Comp. 12-4-78. TD 4156'. IP 125  
 BOP/3 BW. McClosky, top 3285'. Ellery South.  
 EXTENSION TO FIELD.

3S, 14W

Irr. 6, 353'NL, 330'WL, NW. The French Creek Co. #1-D  
 Virgil Fieber. Spd. 11-29-78. Comp. 12-5-78. TD  
 3180'. D&A. Ste. Genevieve, top 3090'. WN-  
 Phillipstown Consol.

EFFINGHAM COUNTY

6N, 6E

16, NE SW NW. Leslie Mason #1-A Bushue. OWNO. Was D&A.  
 Recomp. 10-1-78. COTD 2605'. IP 12 BOP/5 BW. Aux  
 Vases, top 2522'. Hill.

FAYETTE COUNTY

7N, 2E

2, SW SW SE. Collins Bros. Oil Co. #1 J. C. Arnold et  
 al. Spd. 11-6-78. Comp. 11-16-78. TD 3490'.  
 D&A. Devonian, top 3225', est. WN-Louden.

8N, 1E

12, 330'SL, 260'EL, SW SE. Collins Bros. Oil Co. #1-A  
 Fred Taylor. OWNO & OWDD. OTD 1920, was D&A, Comp.  
 8-18-72. Recomp. 11-26-78. DDTD 3343'. D&A.  
 Devonian-Silurian, top 3120', est. WF.

FRANKLIN COUNTY

5S, 3E

Irr. 19, 130'NL, 330'WL, SW NE. H. & W. Oil Co., Inc.  
 #1 Mitchell Heirs. Spd. 10-4-78. Comp. 11-21-78.  
 TD 3760'. IP 25 BOP. Salem, top 3318'.  
 Whittington.

7S, 1E

25, 600'NL, 460'WL, SW NW NW. Victor R. Gallagher #1  
 Zeigler Coal Co. ("G" Account). Spd. 11-24-78.  
 Comp. 12-19-78. TD 2770'. D&A. Ste.  
 Genevieve, top 2640'. WN-Zeigler.

FRANKLIN COUNTY (cont'd.)

7S, 1E

25, SW SW SW. Victor R. Gallagher #1 Zeigler Coal Co.  
 ("H" Account). Spd. 11-30-78. Comp. 12-19-78.  
 TD 2750'. D&A. Ste. Genevieve, top 2616'.  
 WN-Zeigler.

7S, 2E

7, 200'NL, 130'WL, SE SE. Victor R. Gallagher #1 Zeigler  
 Coal Co. ("E" Account). Spd. 11-17-78. Comp. 12-19-78.  
 TD 2830'. D&A. Ste. Genevieve, top 2699'.  
 WN-Zeigler.

19, SE SE SW. Victor R. Gallagher #1 Zeigler Coal Co.  
 ("F" Account). Spd. 11-11-78. Comp. 11-28-78. TD  
 2815'. D&A. Ohara, top 2679'. WN-Zeigler.

GALLATIN COUNTY

7S, 10E

Irr. 27, 330'NL, 330'EL, SE NW. C. E. Brehm Drlg. &  
 Prod. #4 Martin Duffy. Spd. 11-22-78. Comp.  
 11-30-78. TD 2790'. D&A. Ste. Genevieve,  
 top 2780', est. Inman East Consol.

8S, 9E

27, 251'SL, 330'EL, NW NE. Juniper Petrol Corp. #4 L.  
 B. Drone. Conversion. Was Cypress prod. Comp.  
 6-7-78. TD 3015'. Water input. Cypress,  
 top 2480'. Inman West Consol.

8S, 10E

17, NE NE NW. C. E. Brehm Drlg. & Prod. #1 Schenk. Spd.  
 10-20-78. Comp. 10-25-78. TD 2875'. D&A. Ste.  
 Genevieve, top 2780', est. Inman East Consol.

HAMILTON COUNTY

3S, 7E

36, SE SW SW. C. E. Brehm Drlg. & Prod. #2 Birdie.  
 Spd. 10-30-78. Comp. 11-4-78. TD 3400'. D&A.  
 Ste. Genevieve, top 3300', est. "Mills Shoals.

4S, 7E

11, 330'SL, 510'EL, SW SW. George N. Mitchell Drlg.  
 Contr. #1 Clark-Becker Comm. Spd. 10-27-78. Comp.  
 11-7-78. TD 3480'. D&A. McClosky, top 3402',  
 est. Bungay Consol.

6S, 6E

18, C S/2 NE SE. So. Eastern Ill. Oil Prod. #1 Peoples  
 Nat'l. Bank. Spd. 11-21-78. Comp. 11-28-78. TD  
 3329'. D&A. Ste Genevieve, top 3200', est.  
 Dale Consol.

HAMILTON COUNTY (cont'd.)

6S, 7E

27, 330' SL, 620' EL, NW. Duke Resources Corp. #3 Bonan.  
 Spd. 9-28-78. Comp. 12-1-78. TD 4310'. IP 58  
 BOP. Ullin, top 4172'. Broughton.

27, NE SW SW. Duke Resources Corp. #4 Bonan. Spd.  
 6-7-78. Comp. 11-14-78. TD 4247'. IP 38 BOP.  
 Salem, top 3990', Acid. Broughton.

JASPER COUNTY

5N, 10E

6, C W/2 SW SW. J. W. Rudy Co. #1-C J. W. McConnell.  
 Spd. 10-4-78. Comp. 11-10-78. TD 3060'. IP 40  
 BOP. Spar Mtn., top 2938'. Clay City Consol.

6N, 10E

1, SE NE NE. M. D. Robins #2 Ireland-Alexander Comm.  
 Spd. 9-27-78. Comp. 10-23-78. TD 2720'. IP 32  
 BOP. McClosky, top 2667'. Clay City Consol.

Irr. 6, 330' SL, 660' EL, NW SE. Robert L. Runyon #1  
 Mildred Jansen. OWWO. Was Shulman Bros #1 Pru-  
 dential Ins. Co., D&A, OTD 2880', Comp.  
 10-14-41. Recomp. 8-7-78. TD 2917'.  
 D&A. McClosky, top 2867'. Clay  
 City Consol.

6N, 14W

Irr. 6, 330' SL, 330' WL, SW. Harold Eubank #1 Moran-  
 Eubank Cons. Spd. 11-27-78. Comp. 12-4-78. TD  
 2676'. D&A. Ste Genevieve, top 2585', est.  
 Clay City Consol.

7N, 8E

34, SE SE NW. W. Frank Morrison, Sr. #1 Fred Mitchell.  
 Spd. 11-10-78. Comp. 12-5-78. TD 3616'. D&A.  
 Salem, top 3440'. WF.

8N, 10E

13, SE SE NE. Internat'l. Properties Corp. #1 Key/  
 Strelka. Spd. 8-29-78. Comp. 9-4-78. TD 2220'.  
 IP 105 BOP. McClosky, top 2128'. Yale.

JEFFERSON COUNTY

2S, 4E

24, C E/2 NW NW. Van Fossan Oil Assoc. #1 Loren Osborn.  
 Spd. 11-27-78. Comp. 12-4-78. TD 3825'. D&A.  
 Salem, top 3400', est. Markham City North.

3S, 3E

13, NW NE SW. C. E. Brehm Drlg. & Prod. #1 Schweinfurth.  
 Spd. 10-27-78. Comp. 11-1-78. TD 3030'. D&A.  
 McClosky, top 2930', est. WF.

JEFFERSON COUNTY (cont'd.)

4S, 3E

11, SW SE NE. C. E. Brehm Drig. & Prod. #1 Cochrane Comm.  
 Spd. 12-26-77. Comp. 1-20-78. TD 3120'. IP 100  
 BOP. McClosky, top 3061'. Spring Garden.

11, SW NE NE. C. E. Brehm Drig. & Prod. #2 Cochrane Comm.  
 Spd. 1-1-78. Comp. 1-20-78. TD 3105'. IP 100 BOP.  
 McClosky, top 3059'. Spring Garden.

14, SE SE SW. C. E. Brehm Drig. & Prod. #1 McFadden.  
 Spd. 11-15-78. Comp. 11-19-78. TD 3075'. D&A.  
 Ste. Genevieve, top 2975', est. WF.

14, NW SE NW. C. E. Brehm Drig. & Prod. #2 Wyatt. Spd.  
 12-13-78. Comp. 12-19-78. TD 3121'. D&A. Ste.  
 Genevieve, top 2980', est. WN-Spring Garden.

4S, 4E

17, SW NW SE. C. E. Brehm Drig. & Prod. #1 Denham. Spd.  
 11-20-78. Comp. 11-25-78. TD 3250'. D&A. Ste.  
 Genevieve, top 3150', est. WF.

LAWRENCE COUNTY

3N, 13W

11, NE NE SE. Black & Black Oil Co. #4 Harper. Spd.  
 10-6-78. Comp. 12-12-78. TD 2271'. IP 12 BOP/60  
 BW. McClosky, top 2251', MCA & Frac. Lawrence  
 West.

13, NW SE NE. C.E.R. Prod. Co. #2 J. C. Middagh. OWWO.  
 Was Cummings Oil Co. #2 Sumner, OTD 2130', D&A,  
 Comp. 6-24-47. Recomp. 11-2-77. TD 2074'. IP  
 2 BOP/1 BW. Spar Mtn., top 2029', Acid.  
 Lawrence.

4N, 10W

20, C W/2 SW SW. Schlensker Drig. Corp. #1 Glenn Mahrenholz.  
 Spd. 12-12-77. Comp. 4-29-78. TD 2075'. IP 3  
 BOP/30 BW. McClosky, top 1614'. Russellville.  
 EXTENSION TO FIELD.

MCDONOUGH COUNTY

5N, 3W

7, NE NE NE. John W. Fawcett #1 Sherree L. Brouhard.  
 Spd. 10-5-78. Comp. 12-5-78. TD 699'. D&A.  
 Devonian, top 639'. WF.

MARION COUNTY

1N, 2E

Irr. 7, 713'NL, 330'EL, NE. Texaco, Inc. #9 Salem Unit  
 O/A Tr. 186 (W. B. Carr "B"). OWWO. Was Devo-  
 nian producer comp. 1940, OTD 3417', drilled  
 deeper to TD 4641' and comp. as Trenton  
 producer 1947, converted to Salem (cont'd.)

MARION COUNTY (cont'd.)

(cont'd.)

water input in 1971. Recomp. 10-28-78. PBTD 2032'. Shut-in oil well in waterflood. Spar Mtn., top 1874'. Salem Consol.

1N, 3E

34, NW SE SE. C. E. Brehm Drlg. & Prod. #1 Mount. Spd. 10-4-77. Comp. 10-12-77. TD 3297'. Temp. Abd. Salem, top 3007'. WF.

1N, 4E

33, NE NE SW. Warren W. Webster #1 Soger. Conversion. Old operator Perrine & Perrine, was Spar Mtn. producer. Comp. 6-7-78. TD 2847'. SWD. Spar Mtn., top 2838'. Exchange East.

RANDOLPH COUNTY

4S, 6W

11, 500'NL, 330'EL, SE. Elmer Oelze, Jr. #1 Aitken Comm. Spd. 7-28-78. Comp. 8-5-78. TD 2118'. D&A. Silurian, top 1990', est. WN-Tilden North.

12, 354'SL, 350'EL, SW SW. Elmer Oelze #1 Fulton. Conversion. Was D&A. Comp. 9-23-77. TD 2081'. SWD. Silurian, top 2055'. WN-Tilden North.

12, 380'NL, 330'WL, SE NW. Elmer Oelze, Jr. #2 Hoffman. Spd. 4-24-78. Comp. 7-10-78. TD 2098'. IP 50 BOP/5 BW. Silurian, top 2050', Acid. Tilden North.

12, 450'SL, 330'WL, NW. Elmer Oelze, Jr. #3 Hoffman. Spd. 7-15-78. Comp. 9-10-78. TD 2130'. IP 1 BOP/2 BW. Silurian, top 2050', Acid. Tilden North.

12, 330'NL, 400'WL, NE SW. Elmer Oelze, Jr. #4 Hoffman. Spd. 8-15-78. Comp. 10-8-78. TD 2100'. IP 5 BOP/2 BW. Silurian, top 2060'. Tilden North.

RICHLAND COUNTY

2N, 9E

12, 330'SL, 380'WL, NE NE. Kenneth R. Freed #1-A Newton. Spd. 9-2-78. Comp. 11-28-78. TD 3750'. IP 4 BOP/Tr. Wtr. McClosky, top 3124', Acid. Calhoun Consol.

4N, 9E

36, 760'SL, 990'WL, NW NW. Russell E. McDowell #1-A Diesser Comm. Spd. 10-17-78. Comp. 12-19-78. TD 2569'. IP 1-2 BOP. Cypress, top 2558', Shot. Clay City Consol.

ST. CLAIR COUNTY

1N, 7W

26, NE SW NE. J. W. Rudy Co. #1 Lamar Ochs. Spd. 11-3-78.  
 Comp. 11-11-78. TD 1706'. D&A. Devonian, top 1646'.  
 WF.

SALINE COUNTY

8S, 7E

16, SW NE SE. Har-Ken Oil Co. #1 Lela Trout. Conversion.  
 Was Waltersburg and Cypress producer. Comp. 7-11-78.  
 TD 3013'. Water input. Waltersburg, top 2122'.  
 Eldorado Consol.

SANGAMON COUNTY

15N, 4W

36, SE NW NE. Jesse Werner #1 Bowersock. Spd. 11-7-78.  
 Comp. 11-10-78. TD 1792'. D&A. Silurian, top 1728'.  
 WN-Berry.

WABASH COUNTY

1N, 11W

8, 1650' NL, 4900' WL, of Lot #3 of Location #1. M & M Oper-  
 ating Co. #4 Yelch et al. Abd. Loc. Allendale.

1N, 12W

3, SW SE SE. Viking Oil Co. #1 Raymond Hayes. Spd. 10-30-78.  
 Comp. 12-12-78. TD 3064'. Temp. Abd. Ullin, top  
 2950'. Allendale.

10, NE NW NE. Southern Triangle Oil Co. #1 Paul Bates et  
 al. OWDD. Operator was Raymond A. Messman, OTD 2360',  
 D&A, Comp. 5-25-76. Recomp. 11-20-78. DDDTD  
 2900'. D&A. Salem, top 2715', est.  
 Allendale.

16, C E/2 NW SE. J. E. Brown #1 L. Stevens. Spd. 10-11-78.  
 Comp. 12-12-78. TD 2362'. IP 3 BOP/25 BW. Ohara,  
 top 2307', Acid & Acid-Frac. Allendale.

1N, 13W

11, 330' SL, 1010' WL, NW SE. RK Petro. Corp. #1 Hamler-  
 Alka Comm. Conversion. Was Ohara producer. Comp.  
 1-5-78. TD 2719'. Water input. Ohara, top  
 2666'. Friendsville Central.

1S, 12W

Irr. 6, 330' SL, 330' EL, NW. Hocking Oil Co., Inc. #1 Paul  
 Trapp. Abd. Loc. Mt. Carmel.

Irr. 7, 380' NL, 330' EL, NW SE. M. & M Operating Co. #1-A  
 Courter. Spd. 9-24-78. Comp. 12-5-78. TD 3006'.  
 IP 23 BOP/Tr. Wtr. Ohara, top 2349', MCA. Mt.  
 Carmel.

WASHINGTON COUNTY

2S, 1W

15, 535'NL, 330'EL, NW. Elmer Oelze, Jr. #2 Nadolski. Spd. 6-27-78. Comp. 7-25-78. TD 1518'. IP 5 BOP/20 BW. Cypress, top 1503', Frac. Richview.

3S, 2W

9, SE SW SE. Ernest Sherman #1 August Malawy. Spd. 11-3-78. Comp. 11-12-78. TD 3010'. D&A. Devonian, top 2903', est. WN-Posen North.

3S, 3W

26, NE SW SE. Fletcher F. Farrar #2-SWD Jones. Conversion. Was Eastern Petro. Co. #2 Jones, Bethel producer, Recomp. 5-23-75. COTD 1274'. SWD. Cypress, top 1138'. Cordes.

3S, 5W

23, 330'NL, 430'WL, SW. Dr. R. E. Linders #1 Voytos Gray. Spd. 11-18-78. Comp. 11-25-78. TD 2503'. D&A. Silurian, top 2342'. WF.

WAYNE COUNTY

1N, 7E

14, SW NE SE. Midwest Oil Prod. #2 Atteberry. Spd. 10-23-78. Comp. 12-5-78. TD 3185'. IP 45 BOP. McClosky, top 3138', Acid. Clay City Consol.

23, SW NW NE. Booth Oil Co., Inc. #3 Beckel. Conversion. Was #1 C. E. Beckel, OTD 3174', D&A, Comp. 1946. Recomp. 9-28-78. COTD 1800'. SWD. Pennsylvanian, top not available. Clay City Consol.

35, NW SE SE. Richard W. Beeson #1 Haynes. Conversion. Was McClosky producer. Comp. 8-7-77. TD 3280'. Water input. Aux Vases, top 3053'. McClosky, top 3118'. Clay City Consol.

1N, 8E

Irr. 3, 330'NL, 660'EL, NW SW. Booth Oil Co., Inc. #1 McCracken Consolidated. Spd. 10-10-78. Comp. 11-21-78. TD 3115'. IP 99 BOP. Ohara, top 3004', MCA & Acid. Clay City Consol.

Irr. 3, 330'SL, 330'EL, NE SE. Republic Oil Co., Inc. #1-A Shackleford. Spd. 9-19-78. Comp. 11-21-78. TD 3161'. D&A. McClosky, top 3105'. Clay City Consol.

11, NW NE SE. Partlow & Cochonour #1 Randy Hedrick. Spd. 9-19-78. Comp. 10-17-78. TD 2805'. IP 120 BOP. Cypress, top 2796'. Clay City Consol.

WAYNE COUNTY (cont'd.)

2N, 6E

23, SW NE NE. Modern Explorations #1 Bryan. Spd. 10-31-78. Comp. 11-8-78. TD 3800'. D&A. Ullin, top 3748 (?). WN-Flora Southeast.

2N, 7E

29, SE NW NE. E. J. Klockenkemper #1 Roy Banhart. OWWO. Was J. W. Steele, #1 L. Duke, Spar Mtn. producer, OTD 3159', Comp. 11-11-52, Plugged 9-27-59. Recomp. 12-5-78. COTD 1586'. Junked hole. Rinard North.

2N, 9E

Irr. 31, 990'NL, 330'WL, SE SE. John M. Zanetis #2 Daubs-Kinkade. Spd. 11-24-78. Comp. 12-4-78. TD 3710'. D&A. Salem, top 3460', est. Clay City Consol.

1S, 5E

33, 360'NL, 330'EL, NE. Collins Bros. Oil Co. #1 Elsie Smith "C". Spd. 11-21-77. Comp. 3-19-78. TD 3700'. IP 35 BOP/32 BW. Salem, top 3616', Acid. Keenville.

34, 360'SL, 330'WL, NE. Collins Bros. Oil Co. #2 IBM Farms-Shaeffer-Greenwalt. Spd. 12-22-77. Comp. 1-6-78. TD 3730'. IP 54 BOP. Salem, top 3621', Acid. Keenville.

1S, 6E

Irr. 1, 125'SL, 76'WL, SE. David Allison #1-SWD Stipp. Abd. Loc. Johnsonville Consol.

21, NE SE NE. Wagner Oil & Gas #4 Jim Robertson. Spd. 11-9-78. Comp. 11-17-78. TD 3150'. D&A. Ste. Genevieve, top 3100', est. Johnsonville Consol.

23, SW NW SW. Texaco, Inc. #4 W. W. Thomas N.C.T. 3. Abd. Loc. Johnsonville South.

Irr. 24, 430'SL, 330'WL, SE NW. Robert E. Morris #1 Floyd Manahan. Abd. Loc. Clay City Consol.

1S, 8E

32, SE NW NW. R. A. Harris #1 Charles Obrecht. Spd. 11-10-78. Comp. 11-16-78. TD 3351'. D&A (SO). McClosky, top 3315'. Clay City Consol.

2S, 6E

28, NW SW NE. Bufay Oil Co. #1 Wynema Keltner. Spd. 11-2-78. Comp. 11-9-78. TD 3401'. D&A. Ste. Genevieve, top 3284'. WN-Mayberry North.

## WAYNE COUNTY

2S, 9E

12, NW NW SW. Petro-Halogen Corp. #1 E. Pettigrew. Spd. 12-4-78. Comp. 12-8-78. TD 3380'. D&A. McClosky, top 3349'. Goldengate Consol.

16, 500'NL, 990'EL, NW NE. Runyon Oil Exploration, Inc. #1 Herman Klemick. Spd. 7-26-78. Comp. 10-5-78. TD 3398'. IP 20 BOP/20 BW. Aux Vases, top 3242', Acid & Frac. Ohara, top 3313. Goldengate North Consol.

23, NE NW SW. Modern Explorations #1 J. H. Etheridge. OWDD. Originally drilled by Skiles Oil Co. 1950 as Ohara & Spar Mtn. producer; converted to water input 1961 by Tamarack Petro. Co. OTD 3308. Comp. 12-12-78. DDTD 4135'. IP 40 BOP/5 BW. Salem, top 3865'. Goldengate Consol.

23, SE NE NW. W. E. Brubeck #2-WI August Jones. Conversion. Was Aux Vase producer. Comp. 5-5-78. TD 3378'. Water input. Spar Mtn., top 3318'. Goldengate Consol.

23, SE SW SW. M. V. Ring #4-SWD Nile Woods. Conversion. Was McClosky producer. Comp. 12-12-78. TD 3380'. SWD. McClosky, top 3376'. Goldengate Consol.

3S, 9E

7, 430'SL, 430'WL, SE. John M. Zanetis #1-B Musgrave. Spd. 10-18-78. Comp. 12-19-78. TD 4145'. IP 30 BOP/5 BW. Spar Mtn., top 3382'. McClosky, top 3419'. Acid & Frac. Goldengate Consol.

7, NE NW SE. John M. Zanetis #1 N. Vaughan. Spd. 9-3-78. Comp. 10-10-78. TD 4200'. D&A (SO). Ullin, top 3996'. Goldengate Consol.

7, SE SE NE. Jerry E. Friend #3 N. J. Vaughn Jr. Spd. 10-20-78. Comp. 12-12-78. TD 3544'. IP 150 BOP. McClosky, top 3510', MCA & Acid. Goldengate Consol.

8, NW NW SW. John M. Zanetis #2A Ernest Musgrave. Spd. 11-18-78. Comp. 12-3-78. TD 3530'. IP 50 BOP. McClosky, top 3470', Acid. Goldengate Consol.

8, SW SW NW. John M. Zanetis #3-A Musgrave. Spd. 11-30-78. Comp. 12-6-78. TD 3555'. D&A. Ste. Genevieve, top 3385', est. Goldengate Consol.

8, SW SE NW. Tamarack Petro. Co., #3 H. C. Scheldt. Spd. 11-4-78. Comp. 11-18-78. TD 4300'. D&A. Ullin, top 4060'. Goldengate Consol.

WHITE COUNTY

3S, 8E

30, SW SW SW. Tamarack Petro. Co., Inc. #2 Dauby-Newby. Conversion. Was Aux Vases producer. Comp. 11-24-78. TD 3227'. Water input. Aux Vases, top 3204'. Mill Shoals.

30, SE SE SW. Tamarack Petro. Co., Inc. #3 Gray-Cassidy. Conversion. Was Aux Vases producer. Comp. 11-24-78. TD 3229'. Water input. Aux Vases, top 3204'. Mill Shoals.

3S, 11E

Irr. 31, 990'NL, 375'EL, NE. E. J. Saxe #1 Schmidt. Spd. 10-7-78. Comp. 12-19-78. TD 3868'. Temp. Abd. Salem, top 3494'. Phillipstown Consol.

Irr. 31, 330'NL, 430'EL, S/2 NE. Edward J. Saxe #1 L. Sturm et al. Spd. 10-24-78. Comp. 12-19-78. TD 3940'. IP 7 BOP. Salem, top 3790', MCA & Frac. Phillipstown Consol. NEW PAY IN FIELD.

3S, 14W

32, 330'SL, 380'EL, NE NE. J & H Oil Co. #1 Eagleson. Spd. 8-4-78. Comp. 12-12-78. TD 3906'. IP 5 BOP/40 BW. Aux Vases, top 2872'. Salem, top 3734', Frac. Ullin, top 3830'. New Harmony Consol.

4S, SE

10, NE SE NE. RK Petro. Corp. #1 J. T. Quindry. Spd. 12-1-78. Comp. 12-11-78. TD 3508'. D&A. Ste. Genevieve, top 3435', est. WF.

12, NW SW SW. C. E. Brehm Drilg. & Prod. #1 Everett Gwaltney. Spd. 11-22-78. Comp. 11-29-78. TD 3530'. D&A. McClosky, top 3490', est. WN-Burnt Prairie South.

23, SW SW NE. C. E. Brehm Drilg. & Prod. Hauk #1. Spd. 12-1-78. Comp. 12-8-78. TD 3535'. D&A. Ste. Genevieve, top 3400', est. WN-Trumbull North.

29, SE NW NE. Perry Fulk #1 Foley "A" Lease. Spd. 8-27-78. Comp. 9-27-78. TD 3503'. IP 100 BOP. Aux Vases, 3300' Ohara, 3420', Acid. Springerton South. OHARA NEW PAY.

29, SW NE SW. Perry Fulk #3 Foley et al Comm. Spd. 4-13-78. Comp. 6-2-78. TD 3402'. D&A. Aux Vases, top 3399'. This well was erroneously run as a producer in the July, 1978 Drilg. Report. Springerton South.

32, SE NE NE. Illini Drilg. Co. #1 Henry Huffaker. Spd. 10-26-78. Comp. 11-2-78. TD 3505'. D&A. McClosky, top 3492'. Springerton South.

WHITE COUNTY (cont'd.)

4S, 8E

32, SE NW SE. RK Petro. Corp. #10 Warthen Comm. Spd. 10-22-78. Comp. 11-28-78. TD 3340'. IP 35 BOP. Aux Vases, top 3320', Acid & Acid-Frac. Springerton South.

4S, 9E

5, SE SW NW. Perry Fulk #1 S. B. & J. A. Clark. Spd. 12-13-78. Comp. 12-21-78. TD 3525'. D&A. McClosky, top not available. Burnt Prairie South.

10, 400'NL, 330'EL, SW. Mike Beeler Oil Co. #1 Brown. Spd. 10-20-78. Comp. 11-2-78. TD 4550'. D&A. Ullin, top 4225', est. WN-Centerville.

10, NW SE NE. Mike Beeler Oil Co. #1 Everett Spencer. Spd. 11-26-78. Comp. 12-9-78. TD 4515'. D&A. Ullin, top 4290', est. WN-Centerville.

4S, 10E

12, NE NE SW. Arthur Vandenbark #2 Inez Rawlinson. Spd. 12-6-78. Comp. 12-12-78. TD 3210'. D&A. McClosky, top 3155', est. Phillipstown Consol.

20, C E/2 SW SE. P. & M. Petro. Management #1-A Crossville West Unit. Spd. 10-24-78. Comp. 11-6-78. TD 4204'. D&A. Ullin, top 4040'. Sumpter East.

36, 990'SL, 1065'WL, NE. Juniper Petro. Corp. #4 L. O. Cleveland. Spd. 10-27-78. Comp. 11-9-78. TD 2320'. IP 41 BOP. Tar Springs, top 2306'. Phillipstown Consol.

4S, 11E

Irr. 31, 622'NL, 1511'EL, S/2. Barger Engineering #W-14 E. Spencer. Spd. 8-21-76. Comp. 11-15-76. TD 3116'. IP 35 BOP/17 BW. Tar Springs, top 2313'. This well was incorrectly run as a Tar Springs water input well in the May 1978 Drilg. Report. Phillipstown Consol.

4S, 14W

9, 455'NL, 330'WL, SE. Absher Oil Co. #1 Jack German. Spd. 8-17-78. Comp. 12-12-78. TD 3844'. IP 7 BOP. Ullin, top 3830', Acid. New Harmony Consol.

Irr. 18, 330'SL, 330'WL, SW. Sun Oil Co. (Delaware) #1 Carr Renshaw Tr. 2. Conversion. Was Mansfield and Clore producer. Comp. 11-28-78. TD 2043'. Water input. Mansfield, top 1522'. Clore, top 2020'. Phillipstown Consol.

WHITE COUNTY (cont'd.)

4S, 14W

Irr. 19, 350'NL, 940'WL, SW. C. E. Brehm Drlg. & Prod. #8-A  
 Ann Bennett. Spd. 1-31-78. Comp. 2-7-78. TD 3150'.  
 IP 50 BOP. McClosky, top 3083', Acid. Phillipstown Consol.

Irr. 19, 330'SL, 330'WL, NE NW. C. E. Brehm Drlg. & Prod.  
 #6A Boultinghouse. Spd. 12-2-77. Comp. 12-8-77. TD  
 3035'. IP 170 BOP. Aux Vases, top 2992'.  
 Phillipstown Consol.

Irr. 19, 350'SL, 1417'WL, NW. C. E. Brehm Drlg. & Prod.  
 #8-A Boultinghouse. Spd. 12-29-77. Comp. 1-2-78. TD  
 3056'. IP 25 BOP. Pennsylvanian, top 2078',  
 Frac. Phillipstown Consol.

Irr. 19, 330'NL, 850'WL, SW NW. C. E. Brehm Drlg. & Prod.  
 #9-A Boultinghouse. Spd. 1-4-78. Comp. 1-8-78. TD  
 3055'. IP 75 EOP. Aux Vases, top 3004', Frac.  
 Phillipstown Consol.

Irr. 19, 990'SL, 330'EL, NW. C. E. Brehm Drlg. & Prod. #1  
 Merrill Boultinghouse. Spd. 12-11-77. Comp. 12-17-77.  
 TD 3065'. IP 3 BOP/4 BW. Pennsylvanian, top 2074'.  
 Phillipstown Consol.

27, NW NW NE. The Superior Oil Co. #3 (Northeast Limestone  
 Unit) Fitton-Collins Unit. Conversion. Was McClosky  
 producer. Comp. 10-25-78. TD 3043'. Water in-  
 put. McClosky, top 3007'. New Harmony  
 Consol.

Irr. 30, 330'SL, 330'WL, SW. Absher Oil Co. #1 Attebery.  
 Conversion. Was Aux Vases producer. Comp. 11-30-78.  
 TD 2944'. SWD. Pennsylvanian, top 1382'.  
 Phillipstown Consol.

32, 320'NL, 440'EL, SE SE. The Superior Oil Co. #25 E. R.  
 Greathouse (S.W. Unit). OWDD and Conversion. Was  
 Bethel producer drilled by Sun Oil Co. in 1941.  
 Converted to water input in Tar Springs by  
 Superior Oil Co. in 1969. OTD 2723'.  
 Comp. 9-21-78. DDTD 3400'. Water  
 input. McClosky, top 2878'.  
 St. Louis, top 3070'.  
 New Harmony Consol.

34, 430'SL, 330'WL, SW. The Superior Oil Co. #23 H. E.  
 Given. Spd. 7-21-78. Comp. 9-18-78. TD 3402'.  
 Water input. McClosky, top 2901', Acid. St.  
 Louis, top 3096', Acid. New Harmony Consol.

WHITE COUNTY (cont'd.)

5S, 8E

4, NW NE SE. Pricefields Oil Inc. #1 Carter. Spd. 10-24-78. Comp. 10-30-78. TD 3470'. D&A. McClosky, top 3485', est. Enfield North.

4, NW NW NW. Illini Drlg. Co. #2 Thomas Prince. Spd. 10-18-78. Comp. 10-26-78. TD 3500'. D&A. McClosky, top 3444'. Springerton South.

5, NE NW NE. Illini Drlg. Co. #1 Beulah Warthen et al. Spd. 12-1-78. Comp. 12-7-78. TD 3351'. D&A. Aux Vases, top 3336'. Springerton South.

Irr. 31, 330' SL, 330' WL, NW. J. D. Turner #1 Parker Cason. Spd. 11-11-78. Comp. 11-19-78. TD 4510'. D&A (SO). Ullin, top 4441'. WN-Enfield.

5S, 14W

3, 330' NL, 930' WL, NW. The Superior Oil Co. #23 E. S. Greathouse (S.W. Unit). OWDD and Conversion. Was Bethel and Aux Vases producer, OTD 2844', Comp. 1-18-55'. Recomp. 11-1-78. TD 3400'. Water input. McClosky, top 2878'. St. Louis, top 3043'. New Harmony Consol.

4, 2310' SL, 1750' WL, SW. The Superior Oil Co. #4-35 H. C. Ford et al. Spd. 9-10-78. Comp. 12-5-78. TD 4500'. IP 153 BOP/27 BW. Fort Payne, top 4050'. New Harmony Consol.

4, 1400' SL, 1300' WL, SW. The Superior Oil Co. #62 H. C. Ford et al (S.W. Unit). Spd. 6-15-78. Comp. 11-9-78. TD 3400'. Water input. McClosky, top 2924', Acid. St. Louis, top 3206', Acid. New Harmony Consol.

4, 910' SL, 1950' WL, SW. The Superior Oil Co. #63 H. C. Ford et al (S.W. Unit). Spd. 6-24-78. Comp. 11-9-78. TD 3400'. Water input. McClosky, top 2915', Acid. St. Louis, top 3176', Acid. New Harmony Consol.

4, 690' SL, 2550' WL, SW. The Superior Oil Co. #64 H. C. Ford et al (S.W. Unit). Spd. 7-8-78. Comp. 11-9-78. TD 3400'. Water input. McClosky, top 2929', Acid. St. Louis, top 3120', Acid. New Harmony Consol.

4, 900' SL, 1950' EL, SE. The Superior Oil Co. #65 H. C. Ford et al (S.W. Unit). Spd. 7-26-78. Comp. 11-9-78. TD 3400'. Water input. McClosky, top 2919', Acid. St. Louis, top 3062', Acid. New Harmony Consol.

WHITE COUNTY (cont'd.)

5S, 14W

4, 970' SL, 1090' EL, SE. The Superior Oil Co. #66 H. C. Ford et al. (SW Unit). Spd. 8-14-78. Comp. 11-10-78. TD 3400'. Water input. McClosky, top 2924', Acid. St. Louis, top 3148', Acid. New Harmony Consol.

4, 1800' SL, 950' WL, SW. The Superior Oil Co. #69 H. C. Ford et al. (SW Unit). Spd. 6-2-78. Comp. 11-1-78. TD 3400'. Water input. McClosky, top 2918, Acid. St. Louis, top 3182', Acid. New Harmony Consol.

4, 2400' SL, 600' WL, SW. The Superior Oil Co. #70 H. C. Ford et al. (SW Unit). Spd. 8-29-78. Comp. 11-1-78. TD 3400'. Water input. McClosky, top 2918', Acid. St. Louis, top 3182', Acid. New Harmony Consol.

4, 890' NL, 1690' EL, NE. The Superior Oil Co. #32 E. S. Greathouse (SW Unit). Spd. 8-12-78. Comp. 10-2-78. TD 3408'. IP 15 BOP/30 BW. McClosky, top 2904'. St. Louis, top 3026', Acid. New Harmony Consol.

5, C E/2 NE NW. C. E. Brehm Drlg. & Prod. #5 Stallings. Spd. 5-3-78. Comp. 5-13-78. TD 4246'. IP 50 BOP/10 BW. Fort Payne, top not available. New Harmony Consol.

18, NE NW NE. Viking Oil Co. #2 Greg Kempf. Spd. 9-18-78. Comp. 11-3-78. TD 3280'. IP 25 BOP. Cypress, top 2634'. New Harmony Consol.

6S, 8E

1, 660' SL, 620' WL, NE. William R. & Phyllis Becker #1 Zieren-Sell Comm. Spd. 4-1-78. Comp. 7-17-78. TD 4534'. IP 25 BOP/Tr. Wtr. Ullin, top 4092', MCA & Acid. Roland Consol.

7S, 8E

Irr. 2, 330' NL, 330' EL, NE. William R. & Phyllis Becker #2 DeBoard. Spd. 4-14-78. Comp. 8-29-78. TD 3222'. IP 12 BOP. Ohara, top 3040', Acid. McClosky, top 3162', Acid. Roland Consol.

7S, 9E

3, NW NE SE. C. E. Brehm Drlg. & Prod. #B-1 Bayley. Spd. 10-15-78. Comp. 10-27-78. TD 3150'. D&A. McClosky, top not available. Herald Consol.

14, 50' SL, 990' WL, NW SW. Paul S. Knight #6 Williams. Spd. 10-9-78. Comp. 11-8-78. TD 2256'. Waterflood Oil Well. Tar Springs, top 2243', Frac. Herald Consol.

## PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH DECEMBER 1978

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

## CRAWFORD COUNTY

Irr. 2-5N-12W, 1106'NL, 730'WL, NW. M. L. Rich #1-A Vandal Kamplain. 1028'. 2-4-78. Main Consol.

## EFFINGHAM COUNTY

28-6N-7E, NW SE NE. Ashland Oil & Refining Co. #4 Edward Stortzum. 2882'. 11-29-78. (water input, formerly a producer.) Sailor Springs Consol.

29-6N-7E, SE NE NE. Ashland Oil & Refining Co. #3 Weibking Heirs. 2864'. 12-1-78. (water input, formerly a producer.) Sailor Springs Consol

## FAYETTE COUNTY

16-8N-3E, 330'SL, 358'WL, SE SE. Humble Oil & Refining Co. #1 E. Wood, formerly Oils Inc. 1619'. 12-6-78. (water input formerly a producer.) Louden.

## JEFFERSON COUNTY

15-1S-4E, 330'SL, 330'EL, SW NE. Hobson Oil Co. #1 Craig. 3430'. 11-27-78. Coil West.

15-1S-4E, 330'NL, 330'EL, SW NE. Hobson Oil Co. #2 Craig. 3631'. 11-24-78. Coil West.

2-2S-4E, 330'SL, 330'WL, SE SW. Charles T. Evans #1 Larson Comm. 3089'. 12-4-78. Oakdale.

## LAWRENCE COUNTY

7-2N-11W, 255'NL, 560'WL, NW NW. Operator unknown #2 N. D. Buchanan. 1624'. 11-9-78. Lawrence.

## WABASH COUNTY

Irr. 6-1S-12W, 330'SL, 714'WL, NE SW. Andy G. Hocking #1 Baumgart et al Comm. 3043'. 11-2-78. Mt. Carmel.

10-2S-14W, NE SE SE. Andy G. Hocking #1 Fred Hocking. 3650'. 11-9-78. Browns East.

23-2S-14W, 360'NL, 330'WL, NW. Hocking Oil Co., Inc. #1 Earl Raber. 3619'. 11-6-78. New Harmony Consol.

## WAYNE COUNTY

9-1N-8E, 330'SL, 450'EL, SE. Hanson Oil Co., Inc. #1 Best. 3711'. 12-4-78. Clay City Consol.

18-1N-9E, NW SW SW. Charles Keyser #1 L. Kunce. 3230'. 12-5-78. Clay City Consol.

25-2N-8F, 660'NL, 330'EL, NE NW SE. R-B Development Co. #1 J. C. Williams. 3849'. 12-7-78. Clay City Consol.

## WHITE COUNTY

16-5S-14W, 670' SL, 660' WL, SW. Inland Producers, Inc. #3  
J. L. Brown Comm. 2275'. 12-6-78. New Harmony Consol.  
21-5S-14W, 330' NL, 30' WL, SW NE. B. M. Heath #4 E. H. Morris.  
2278'. 12-1-78. New Harmony Consol.  
21-5S-14W, 1200' NL, 2640' EL, NE. Inland Producers Co. #9  
E. H. Morris. 2264'. 11-28-73. New Harmony Consol.  
21-5S-14W, SW NW NE. B. M. Heath #2 G. Morris Comm. 2276'.  
4-12-78. New Harmony Consol.

Some Recent Publications of Interest to  
the Petroleum Industry

by

Illinois Geological Survey  
Urbana, Illinois

Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).

Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).

Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).

Ill. Pet. 104. Underground Storage of Natural Gas (1975).

Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).

Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).

Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).

Ill. Pet. 112. Petroleum Industry in Illinois in 1976 (1977).

Ill. Pet. 113. Prediction of Silurian Reef Locations through Trace Element Profiles (1978).

Ill. Pet. 114. Salem Limestone Oil and Gas Production in the Keenville Field, Wayne County, Illinois (1978).

Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).

Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).

Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).

Reprint Ser.  
1971-M Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).

EGN 62. Energy Supply Problems for the 1970's and Beyond (May 1973).

Selected List of Available Oil and Gas Publications (March 1, 1977).



## ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned  
Acid — Acid treatment  
BOF — Barrels of oil flowing  
BOP — Barrels of oil on pump  
BW — Barrels of water  
C — Center  
Comp. — Completed  
Consol. — Consolidated  
COTD — Clean-out total depth  
Csg. — Casing  
D & A — Dry and abandoned  
Dol. — Dolomite  
DTD — Drilled deeper total depth  
E/2 — East  $\frac{1}{2}$   
EL — From the east line  
Est. — Estimated  
Ext. — Extension(s)  
Fm. — Formation  
Fr. — Fractional  
Frac. — Hydraulic fracture treatment  
IP — Initial production  
L — Line  
Loc. — Location  
Ls. — Limestone  
N/2 — North  $\frac{1}{2}$   
Nat. — Natural, no treatment  
NE — Northeast  $\frac{1}{4}$   
NL — From the north line  
NW — Northwest  $\frac{1}{4}$

OTD — Old total depth  
OWDD — Old well drilled deeper  
OWWO — Old well worked over  
PB — Plugged back  
PBTD — Plugged-back total depth  
R — Range  
S/2 — South  $\frac{1}{2}$   
SE — Southeast  $\frac{1}{4}$   
SG — Show of gas  
Sh. — Shale  
SIGW — Shut-in gas well  
SL — From the south line  
SO — Show of oil  
Spd. — Spudded  
Ss. — Sandstone  
SSO — Slight show of oil  
SW — Southwest  $\frac{1}{4}$   
Swb. — Swabbing  
SWD — Salt water disposal well  
T — Township  
TD — Total depth  
Temp. abd. — Temporarily abandoned  
W/2 — West  $\frac{1}{2}$   
WF — Wildcat far (more than  $1\frac{1}{2}$  miles  
from production)  
WL — From the west line  
WN — Wildcat near ( $\frac{1}{2}$  to  $1\frac{1}{2}$  miles  
from production)





